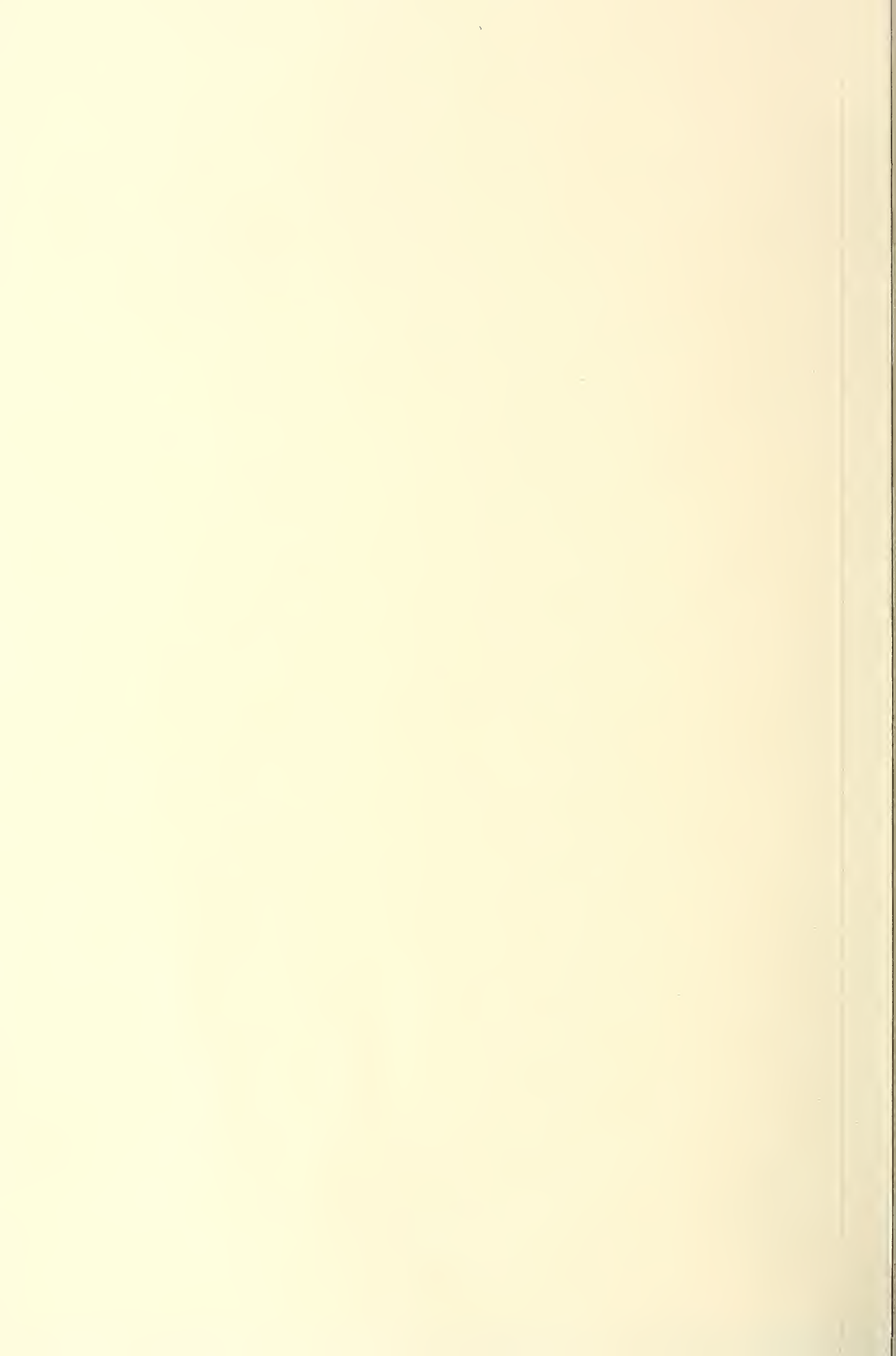


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DEPARTMENT OF AGRICULTURE

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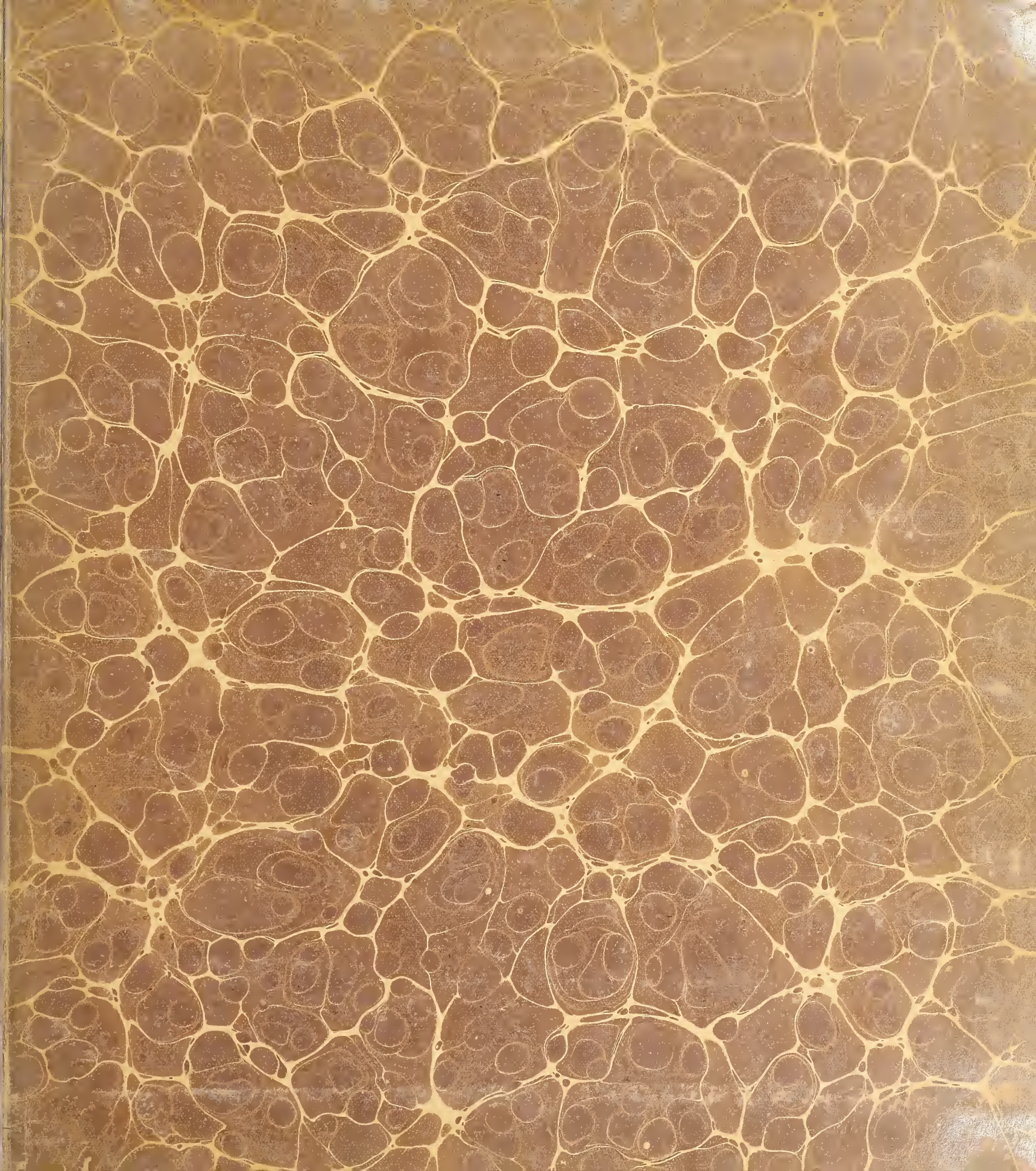
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DEPARTMENT OF AGRICULTURE

REQUIRED FOR THE SERVICE FOR THE
FISCAL YEAR ENDING JUNE 30

1914

PREPARED FOR THE USE OF THE COMMITTEE

NOTE.—Matter or items which appeared in the last appropriation act, and proposed to be omitted from these estimates, inclosed in heavy brackets, thus [].
New or substituted matter printed in italics.



ESTIMATES OF APPROPRIATIONS

— FOR THE —

DEPARTMENT OF AGRICULTURE

REQUIRED FOR THE SERVICE FOR THE
FISCAL YEAR ENDING JUNE 30

1914

PREPARED FOR THE USE OF THE COMMITTEE

NOTE.—Matter or items which appeared in the last appropriation act, and proposed to be omitted from these estimates, inclosed in heavy brackets, thus [].
New or substituted matter printed in italics.



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Comparison of estimates of appropriations for 1914 with appropriations made for 1912

Titles of appropriations.	Total of appropriations for 1913.	Total of estimates for 1914.	Increase.	Decrease.
OFFICE OF THE SECRETARY.				
Statutory salaries.....	\$292, 280	\$305, 570	\$13, 290	
A net increase of \$13,290.				
WEATHER BUREAU.				
Statutory salaries.....	315, 930	330, 240	14, 310	
Contingent expenses.....	25, 000	25, 000		
General expenses.....	1, 278, 750	1, 310, 250	31, 500	
A net increase of \$45,810.				
	1, 619, 680	1, 665, 490		
BUREAU OF ANIMAL INDUSTRY.				
Statutory salaries.....	352, 450	361, 500	9, 050	
General expenses.....	1, 217, 866	1, 366, 546	148, 680	
Animal feeding and breeding.....	100, 000	100, 000		
Meat inspection.....		300, 000	300, 000	
A net increase of \$457,730.				
	1, 670, 316	2, 128, 046		
BUREAU OF PLANT INDUSTRY.				
Statutory salaries.....	379, 820	424, 380	44, 560	
General expenses.....	1, 658, 080	2, 099, 680	441, 600	
Purchase and distribution of valuable seeds.....	285, 680	263, 900		\$21, 780
A net increase of \$486,160.				
	2, 323, 580	2, 787, 960		
FOREST SERVICE.				
Statutory salaries.....	2, 235, 760	2, 242, 810	7, 050	
General expenses (including improvement of the national forests).....	3, 107, 285	3, 198, 939	91, 654	
A net increase of \$98,704.				
	5, 343, 045	5, 441, 749		
BUREAU OF CHEMISTRY.				
Statutory salaries.....	254, 660	274, 860	20, 200	
General expenses.....	89, 280	114, 280	25, 000	
Food and drugs act.....	625, 000	743, 600	118, 600	
A net increase of \$163,800.				
	968, 940	1, 132, 740		
BUREAU OF SOILS.				
Statutory salaries.....	50, 540	57, 420	6, 880	
General expenses.....	250, 880	315, 400	64, 520	
A net increase of \$71,400.				
	301, 420	372, 820		
BUREAU OF ENTOMOLOGY.				
Statutory salaries.....	58, 750	62, 660	3, 910	
General expenses.....	328, 750	371, 000	42, 250	
Preventing spread of moths.....	284, 840	300, 000	15, 160	
Administrative expenses.....		10, 000	10, 000	
A net increase of \$71,320.				
	672, 340	743, 660		
BUREAU OF BIOLOGICAL SURVEY.				
Statutory salaries.....	25, 100	30, 040	4, 940	
General expenses.....	166, 300	143, 000		23, 300
A net decrease of \$18,360.				
	191, 400	173, 040		
DIVISION OF ACCOUNTS AND DISBURSEMENTS.				
Statutory salaries.....	104, 620	104, 170		450
A net decrease of \$450.				
DIVISION OF PUBLICATIONS.				
Statutory salaries.....	194, 700	165, 810		28, 890
General expenses.....	25, 000	18, 250		6, 750
A net decrease of \$35,640.				
	219, 700	184, 060		
BUREAU OF STATISTICS.				
Statutory salaries.....	112, 380	115, 880	3, 500	
General expenses.....	128, 300	128, 300		
A net increase of \$3,500.				
	240, 680	244, 180		
LIBRARY.				
Statutory salaries.....	25, 780	29, 520	3, 740	
General expenses.....	15, 500	16, 500	1, 000	
A net increase of \$4,740.				
	41, 280	46, 020		
MISCELLANEOUS.				
Contingent expenses.....	106, 066	106, 066		
Rent in the District of Columbia.....	95, 329	95, 329		
Enforcement of the plant quarantine act.....		50, 000	50, 000	
Insecticide act.....	87, 000	100, 000	13, 000	

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OFFICE OF EXPERIMENT STATIONS.

Statutory salaries.....	\$58,240.00	\$66,740.00	\$8,500	
General expenses.....	1,599,160.00	1,615,500.00	16,340	
Nutrition investigations.....	16,000.00	19,000.00	3,000	
Irrigation investigations.....	98,300.00	116,250.00	17,950	
Drainage investigations.....	100,000.00	97,600.00		\$2,400.00
Administrative expenses.....		15,000.00	15,000	
A net increase of \$58,390.	1,871,700.00	1,930,090.00		

OFFICE OF PUBLIC ROADS.

Statutory salaries.....	37,020.00	54,400.00	17,380	
General expenses.....	165,100.00	331,840.00	166,740	
A net increase of \$184,120.	202,120.00	386,240.00		
Total.....	16,651,496.00	18,287,230.00	1,729,304	93,570.00
Net increase in agricultural bill, \$1,635,734; about 9.8 per cent.				
Permanent annual appropriations.....	7,550,668.68	5,689,200.00		1,861,468.68
Grand total of all appropriations for the Department of Agriculture.....	24,202,164.68	23,976,430.00		
Net decrease, \$225,734.68. Decrease, $\frac{9}{10}$ of 1 per cent.				

NOTE.—There is also an estimate in the sundry civil bill for printing and binding for this department amounting to \$512,500.

PRINCIPAL CHANGES IN THE ESTIMATES.

Office of the Secretary.—Two skilled laborers, at \$840 each, have been transferred to the statutory roll of the office of the Secretary from the statutory roll of the Division of Publications, the latter roll being decreased accordingly. One special agent and agrostologist at \$3,000, one mechanic at \$1,200, and one skilled laborer at \$960, have also been added, and the following promotions are submitted: Assistant Secretary of Agriculture, \$1,000; chief clerk, \$500; appointment clerk, \$250; six law clerks, \$250 each; four law clerks, \$200 each; and one clerk, \$400.

An increase of \$2,000 is submitted in the lump fund for extra labor and emergency employment.

Weather Bureau.—The statutory roll has been increased by the addition of 19 new places, aggregating \$14,050, and promotions of \$200 for one electrician and \$60 for one copyist or typewriter are submitted.

The increase for miscellaneous expenses is \$31,500, of which sum \$16,000 is desired for field salaries, \$2,000 for instruments required in the frost investigation work being conducted in the fruit, corn, and wheat sections of the country, \$2,500 for additional traveling expenses, and \$11,000 for the employment of special observers in connection with fruit investigations, the frost-warning service, and the river and flood service. Provisions are requested to facilitate the interchange of employees between the city of Washington and the field, and the payment of traveling expenses of employees transferred from one station to another.

Bureau of Animal Industry.—The statutory roll has been increased by the addition of three clerks at \$1,000 each, the transfer of five places, aggregating \$4,420, from general expenses, and the following promotions: Chief of bureau, \$1,000; chief clerk, \$250; one clerk, \$200; and one clerk, \$180.

The increase for miscellaneous expenses is \$153,100. Of this sum, \$54,000 is desired for inspection and quarantine work, the larger part of the increase to be used in the eradication of tuberculosis among domestic animals; \$50,000 for more extended cooperation with various Southern States desirous of eradicating cattle ticks within their boundaries; \$23,100 for extending research work now under way on various dairy problems and in inaugurating some new work of this character; \$25,000, and additional authority of law, for the purpose of preventing introduction into, or interstate shipment in, the United States of dangerous or worthless viruses, serums, toxins, and analogous products, for use in the treatment of domestic animals. Provisions are also submitted to give the department continuous jurisdiction over shipments of live stock from quarantined areas to their destination, and authorizing the Secretary of Agriculture to prepare and sell at cost pathological and zoological specimens to scientists and others engaged in the work of hygiene and sanitation.

An increase of \$300,000 annually is also requested to extend operations of the department in connection with the administration of the meat-inspection law and to provide adequate salaries for employees engaged in that work.

Bureau of Plant Industry.—Forty-four employees, with salaries aggregating \$38,340, have been transferred to the statutory roll from the lump-fund appropriations, which appropriations have been reduced accordingly; 15 new places, with salaries aggregating \$22,220, have been added; 17 places, with salaries aggregating \$18,060, have been omitted, and \$2,060 is submitted to provide for 6 promotions, one of which is a promotion of \$1,000 for the chief of bureau.

The increase for general expenses is \$475,020, and is desired for the purpose of moderately extending the various activities of the bureau, particularly those in connection with farm management investigations and farmers' cooperative demonstrations, \$150,000 additional being requested under the former and \$75,000 under the latter head.

There is no change in the amount estimated for congressional seed distribution, but the item for foreign seed and plant introduction has been transferred to the appropriation for general expenses and the item for the purchase and distribution of drought-resistant field seeds through the dry-land sections of the United States has been transferred to the appropriation for the purchase and distribution of valuable seeds.

Forest Service.—Three forest supervisors, at \$2,000 each, have been transferred to the statutory roll from the lump-fund appropriation, which has been reduced accordingly; 11 places, with salaries aggregating \$11,900, have been omitted; 4 new places, with salaries aggregating \$6,600, have been added; and an increase of \$6,350 is submitted to provide for 45 promotions, one of which is a promotion of \$1,000 for the Forester.

The increase for miscellaneous expenses is \$97,654. Twenty-five thousand dollars is submitted for the administration and protection of additional national forests created under the act of March 1, 1911; \$75,000 to enable the Secretary of Agriculture to classify agricultural lands in the forests, as provided for in the 1913 agricultural act; and small amounts for the purchase of supplies and equipment, for experiments and investigations of range conditions, and for map work. The item of \$35,000 for surveying and listing lands within forest reserves chiefly valuable for agriculture has been omitted. Provisions are requested reserving to the United States rights of way through national forest lands patented under any of the public land laws; authorizing the Secretary of Agriculture to reimburse owners of horses, vehicles, and other equipment lost, damaged, or destroyed while being used for fire fighting, trail, or official business; and granting to employees of the Forest Service engaged in office work in cities or towns outside of the District of Columbia, or in forest supervisors' offices, or on permanent duty in Alaska, the same privileges regarding leaves of absence as are now enjoyed by Government employees in the District of Columbia.

Bureau of Chemistry.—The statutory roll has been increased by the transfer of 5 employees, with salaries aggregating \$6,400, from the lump-fund appropriation for food and drugs, which fund has been reduced accordingly; by the addition of 12 new places, with salaries aggregating \$18,400; and by \$1,000 to provide for the promotion of the chief of bureau. Four places, with salaries aggregating \$5,600, have been omitted.

The increase for miscellaneous expenses is \$150,000, of which amount \$15,000 is submitted for investigations in agricultural chemistry, \$10,000 for collaborative work with other departments, and \$125,000 for additional work in connection with the enforcement of the food and drugs act. Changes of language in the appropriation for general expenses are submitted, so as to appropriate specific amounts for the classes of work authorized therein, and to make the appropriation entirely by lines of work or activities.

Bureau of Soils.—An increase of \$1,000 is submitted in the salary of the chief of bureau, and three new places, with salaries aggregating \$4,000, have been added. Two places, with salaries aggregating \$1,880, have also been added by transfer from the lump fund, which has been reduced accordingly.

The increase for miscellaneous expenses is \$66,400, of which sum \$31,400 is requested to extend the work of the soil survey, \$20,000 to enable the bureau to cooperate with the Forest Service in the classification of agricultural lands within national forests, \$10,000 for extending exploration work to determine possible sources of supply of fertilizer material, and \$5,000 to provide for biochemical work connected with the transforming and formation of soil humus by soil organisms.

Bureau of Entomology.—On the statutory roll promotions of \$500 for the chief of bureau and \$250 for 1 executive assistant are submitted; 1 executive assistant at \$2,000, 1 clerk of class 3, 1 clerk of class 1, and 1 clerk at \$1,000 have been added; while two clerks at \$900 each and one clerk at \$840 have been omitted.

The increase for miscellaneous expenses is \$67,410, of which amount \$15,160 is requested because of the gradually increasing territory to be covered by employees of the bureau engaged in the work of preventing the spread of the gypsy and brown-tail moths; a new item of \$10,000 to provide for miscellaneous expenses of the Washington office connected with the general administrative work relating to the various appropriations under general expenses and preventing the spread of moths; and the remainder for moderate and necessary increases in the other lines of activity in which the bureau is engaged.

Bureau of Biological Survey.—On the statutory roll a promotion of \$500 is submitted for the chief of bureau; two new places, with salaries aggregating \$3,000, have been added; and there have also been added, by transfer from the lump fund, 1 clerk of class 1 and 1 charwoman at \$240.

Considering salaries transferred to the statutory roll, and the omission of the provisions for the Wind Cave National Game Preserve and the winter game (clerk) reserve in Wyoming, there is an actual increase of \$49,140 under miscellaneous expenses. Of this sum, \$6,000 is requested for use in enforcing laws relating to interstate commerce in game; \$8,000 for maintenance of the Montana national bison range and other reservations in charge of the Biological Survey; \$5,000 for controlling prairie dogs on the public domain; \$12,000 for controlling ground squirrels on public lands in California in connection with the suppression of the bubonic plague; \$1,000 for studying the relation of birds to the cotton boll weevil and the imported alfalfa weevil; \$4,000 for investigations and experiments in connection with the rearing of fur-bearing animals; \$10,000 for field investigations of birds and mammals; and \$3,140 for general administrative expenses.

Division of Accounts and Disbursements.—Increases of \$250 and \$200 are submitted in the salary of the cashier and chief clerk and that of one accountant and bookkeeper, respectively, but as one clerk at \$900 has been omitted, there is a decrease of \$450 in this appropriation.

Division of Publications.—Promotions, aggregating \$1,350, are requested, one of which is that of \$500 for the chief of division; 2 new places, aggregating \$2,900, have been added; 2 skilled laborers, at \$840 each, have been transferred to the Secretary's roll, and 37 places, with salaries aggregating \$31,460, have been omitted, as the mailing of publications for public distribution, formerly done by the division, will now be performed by the Public Printer.

For the same reason, there is a decrease of \$6,750 in the amount for miscellaneous expenses.

Bureau of Statistics.—An increase of \$500 is submitted in the salary of the chief of bureau, and 3 clerks, at \$1,000 each, have been added.

There is no change in the amount for miscellaneous expenses. The provision directing the Secretary to secure reports on systems of marketing farm products has been omitted. *Library.*—Promotions of \$500 for the librarian and \$120 each for 2 messengers, messenger boys, or laborers, are submitted, and 1 assistant librarian, at \$2,000, and 1 clerk, at \$1,000 have been added, the latter by transfer from the lump fund, which appropriation has been reduced accordingly.

The increase for miscellaneous expenses is \$2,000, which is submitted to enable the library to keep pace with the growth and work of the department and more adequately to meet the increasing demands made upon the library from year to year.

Contingent expenses.—There is no change in this appropriation, but new language is requested to give the department specific authority to participate in exhibitions and fairs and defray expenses incurred in the preparation, transportation, and care of exhibits.

Rent in the District of Columbia.—There is no change in the total amount of this appropriation, but adjustments to meet present conditions have been made in the amounts specified for the several bureaus.

Bureau of Experiment Stations.—The statutory roll has been increased by the transfer of 5 places, with salaries aggregating \$5,800, from the lump-fund appropriations, and one new place, at \$1,800, has also been added. In addition, promotions of \$500 for the director, \$200 for 1 draftsman, and \$100 for each of 2 clerks, are requested.

The increase submitted for miscellaneous expenses is \$55,690, \$5,000 of which is to provide for the increase of business in relation with agricultural experiment stations, \$5,000 to reestablish the live-stock investigations in Alaska, \$7,240 to extend the work in connection with farmers' institutes and agricultural schools, \$3,000 to prepare popular bulletins on the economical and effective utilization of agricultural products as human food, \$20,450 for increased work in connection with irrigation investigations, and \$15,000 for general

ESTIMATES OF APPROPRIATIONS REQUIRED FOR THE SERVICE OF THE FISCAL YEAR ENDING JUNE 30, 1914.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
DEPARTMENT OF AGRICULTURE.		
NOTE.—In the following estimates for the Department of Agriculture new matter in the lump-fund appropriations has been indicated by means of <i>italics</i> , and matter to be dropped has been inclosed in brackets.		
OFFICE OF THE SECRETARY.		
<i>Salaries, Office of the Secretary of Agriculture—</i>		
Secretary of Agriculture (acts Feb. 9, 1889, vol. 25, p. 659, sec. 3; Mar. 2, 1889, vol. 25, p. 853, sec. 3; Feb. 26, 1907, vol. 34, p. 993, sec. 4; Aug. 10, 1912, vol. 37, pp. 269, 270, sec. 1).....	\$12,000.00	
Assistant Secretary of Agriculture (increase of \$1,000 submitted) (same acts).....	6,000.00	
Solicitor (same acts).....	5,000.00	
Chief clerk, \$3,500, and \$500 additional as custodian of buildings (increase of \$500 submitted) (same acts).....	4,000.00	
Private secretary to the Secretary of Agriculture (same acts).....	2,500.00	
Stenographer and executive clerk to the Secretary of Agriculture (same acts).....	2,250.00	
Private secretary to the Assistant Secretary of Agriculture (same acts).....	1,600.00	
Stenographer to the Assistant Secretary of Agriculture (same acts).....	1,400.00	
One appointment clerk (increase of \$250 submitted) (same acts).....	2,250.00	
One chief of supply division (same acts).....	2,000.00	
One inspector (same acts).....	2,750.00	
One law clerk (same acts).....	3,000.00	
Two law clerks, at \$2,500 each (same acts).....	5,000.00	
Six law clerks, at \$2,250 each (in lieu of 6 law clerks at \$2,000 each, with increase of \$250 in each case) (same acts).....	13,500.00	
One law clerk (same acts).....	2,200.00	
Eight law clerks, at \$2,000 each (decrease of 6 by transfer to law clerks at \$2,250 each, and increase of 4 in lieu of 4 law clerks at \$1,800 each, with increase of \$200 in each case, making a net decrease of 2) (same acts).....	16,000.00	
Four law clerks, at \$1,800 each (decrease of 4 by transfer to law clerks at \$2,000 each) (same acts).....	7,200.00	
Three law clerks, at \$1,600 each (same acts).....	4,800.00	
One special agent and agrostologist (submitted).....	3,000.00	
One telegraph and telephone operator (acts Feb. 9, 1889, vol. 25, p. 659, sec. 3; Mar. 2, 1889, vol. 25, p. 853, sec. 3; Feb. 26, 1907, vol. 34, p. 993, sec. 4; Aug. 10, 1912, vol. 37, pp. 269, 270, sec. 1).....	1,600.00	
Three clerks, class 4 (increase of 1 submitted in lieu of 1 clerk of class 2, with increase of \$400) (same acts).....	5,400.00	
Six clerks, class 3 (same acts).....	9,600.00	
Nine clerks, class 2 (decrease of 1 by transfer to clerk of class 4) (same acts).....	12,600.00	
Eighteen clerks, class 1 (same acts).....	21,600.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>Salaries, Office of the Secretary of Agriculture—Continued.</i>		
Eight clerks, at \$1,000 each (acts Feb. 9, 1889, vol. 25, p. 659, sec. 3; Mar. 2, 1889, vol. 25, p. 853, sec. 3; Feb. 26, 1907, vol. 34, p. 993, sec. 4; Aug. 10, 1912, vol. 37, pp. 269, 270, sec. 1).	\$8,000.00	
Six clerks, at \$900 each (same acts).....	5,400.00	
One clerk (same acts).....	840.00	
Fourteen messengers or laborers, at \$840 each (increase of 2 by transfer from the Division of Publications) (same acts).....	11,760.00	
Ten assistant messengers or laborers, at \$720 each (same acts).....	7,200.00	
One chief engineer, who shall be captain of the watch (same acts).....	2,000.00	
One assistant chief engineer (same acts).....	1,400.00	
One assistant engineer (same acts).....	1,200.00	
Two assistant engineers, at \$1,000 each (same acts).....	2,000.00	
Seven firemen, at \$720 each (same acts).....	5,040.00	
Eight elevator conductors, at \$720 each (same acts).....	5,760.00	
One construction inspector (same acts).....	1,400.00	
Five cabinetmakers or carpenters, at \$1,200 each (same acts).....	6,000.00	
Two cabinetmakers or carpenters, at \$1,100 each (same acts).....	2,200.00	
Eight cabinetmakers or carpenters, at \$1,020 each (same acts).....	8,160.00	
Two cabinetmakers or carpenters, at \$900 each (same acts).....	1,800.00	
One electrician (same acts).....	1,100.00	
One electrical wireman (same acts).....	1,000.00	
One electrical wireman (same acts).....	900.00	
Two electrician's helpers, at \$720 each (same acts).....	1,440.00	
Two painters, at \$1,000 each (same acts).....	2,000.00	
Two painters, at \$900 each (same acts).....	1,800.00	
Five plumbers or steamfitters, at \$1,020 each (same acts).....	5,100.00	
One plumber's helper (same acts).....	840.00	
Two plumber's helpers, at \$720 each (same acts).....	1,440.00	
One blacksmith (same acts).....	900.00	
One lieutenant of the watch (same acts).....	1,000.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>Salaries, Office of the Secretary of Agriculture—Continued.</i>			
Thirty-four watchmen, at \$720 each (acts Feb. 9, 1889, vol. 25, p. 659, sec. 3; Mar. 2, 1889, vol. 25, p. 853, sec. 3; Feb. 26, 1907, vol. 34, p. 993, sec. 4; Aug. 10, 1912, vol. 37, pp. 269, 270, sec. 1).....	\$24,480.00		
Five mechanics, at \$1,200 each (increase of 1 submitted) (same acts).....	6,000.00		
Two skilled laborers, at \$960 each (increase of 1 submitted) (same acts).....	1,920.00		
One janitor (same acts).....	900.00		
Eighteen assistant messengers, messenger boys, or laborers, at \$600 each (same acts).....	10,800.00		
Twenty-one laborers, messenger boys, or charwomen, at \$480 each (same acts).....	10,080.00		
One charwoman (same acts).....	540.00		
Eight charwomen, at \$240 each (same acts).....	1,920.00		
For extra labor and emergency employments (increase of \$2,000 submitted) (same acts).....	14,000.00		
		\$305,570.00	\$292,280.00
Appropriations for 1904.....	\$74,660	Estimates for 1905.....	\$83,700
Appropriations for 1905.....	78,860	Estimates for 1906.....	87,860
Appropriations for 1906.....	110,320	Estimates for 1907.....	117,720
Appropriations for 1907.....	113,200	Estimates for 1908.....	115,500
Deficiency act.....	1,300	Estimates for 1909.....	134,220
Appropriations for 1908.....	119,200	Estimates for 1910.....	162,300
Appropriations for 1909.....	132,900	Estimates for 1911.....	198,770
Appropriations for 1910.....	174,570	Estimates for 1912.....	276,650
Appropriations for 1911.....	229,870	Estimates for 1913.....	287,300
Appropriations for 1912.....	276,450	Estimates for 1914.....	305,570
Appropriations for 1913.....	292,280		
<p>NOTE.—There is an apparent increase in the above appropriation of \$13,290, but taking into consideration the transfer of two skilled laborers, at \$840 each, from the statutory roll of the Division of Publications, which appropriation has been reduced accordingly, the actual increase is \$11,610. The salary of the chief clerk has been increased from \$3,500 to \$4,000. The work of the chief clerk continues to increase materially in both volume and importance with the growth of the department, and the present salary, \$3,000 and \$500 additional as custodian of buildings, is below that paid to similar officers in the War Department, the Treasury Department, the Interior Department, and the Post Office Department, all of whom at present receive \$4,000. The suggested increase will merely give the chief clerk of the Department of Agriculture a salary equal to that received by the chief clerks of the other departments mentioned.</p> <p>The changes in detail are as follows:</p>			
PROMOTIONS.			
Assistant Secretary of Agriculture, from \$5,000 to \$6,000.....	\$1,000		
Chief clerk, from \$3,500 to \$4,000.....	500		
One appointment clerk, from \$2,000 to \$2,250.....	250		
6 law clerks, from \$2,000 to \$2,250 each.....	1,500		
4 law clerks, from \$1,800 to \$2,000 each.....	800		
1 clerk, from class 2 to class 4.....	400		
NEW PLACES.			
1 special agent and agrostologist.....	3,000		
1 mechanic.....	1,200		
1 skilled laborer.....	960		
EMERGENCY ROLL.			
Increase of.....	2,000		
Actual increase.....	11,610		
TRANSFERRED FROM DIVISION OF PUBLICATIONS, AND STATUTORY ROLL OF THAT DIVISION REDUCED ACCORDINGLY.			
2 skilled laborers, at \$840 each.....	1,680		
Apparent increase.....	13,290		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>Salaries, Office of the Secretary of Agriculture—Continued.</i>		
NOTE 2.—Salaries of mechanics, laborers, and other emergency employees carried on the lump fund named below on Aug. 1, 1912:		
SALARIES, OFFICE OF THE SECRETARY OF AGRICULTURE.		
EXTRA LABOR.		
In Washington: 1 accountant..... \$2,000.00 1 clerk..... 900.00 1 clerk..... 720.00 1 architectural draftsman, at \$4 per diem (when actually employed)..... 1,200.00 1 cabinetmaker, at \$3.50 per diem..... 1,050.00 1 carpenter, at \$3.50 per diem (when actually employed)..... 1,050.00 1 painter..... 840.00 3 painters, at \$3.50 per diem each (when actually employed)..... 3,150.00 1 skilled laborer..... 900.00 1 charwoman..... 240.00 1 charwoman, at 75 cents per diem (when actually employed)..... 225.00 Total..... 12,275.00		
Total salaries, Office of the Secretary.....	\$305,570.00	\$292,280.00
WEATHER BUREAU.		
<i>Salaries, Weather Bureau—</i>		
One chief of bureau (acts Oct. 1, 1890, vol. 26, p. 653, secs. 4-5; Aug. 10, 1912, vol. 37, p. 270, sec. 1).....	\$6,000.00	
One assistant chief of bureau (same acts).....	3,250.00	
One chief clerk and executive assistant (same acts).....	3,000.00	
Three chiefs of division, at \$2,000 each (same acts).....	6,000.00	
Eight clerks, class 4 (same acts).....	14,400.00	
Nine clerks, class 3 (same acts).....	14,400.00	
Twenty-one clerks, class 2 (increase of 1 submitted) (same acts).....	29,400.00	
Thirty clerks, class 1 (increase of 1 submitted) (same acts).....	36,000.00	
Twenty-two clerks, at \$1,000 each (increase of 2 submitted) (same acts).....	22,000.00	
Nine clerks, at \$900 each (same acts).....	8,100.00	
Five copyists or typewriters, at \$900 each (increase of 1 in lieu of 1 copyist or typewriter, at \$840, and increase of \$60) (same acts).....	4,500.00	
NOTE.—One copyist or typewriter, at \$840, omitted, as above.		
One telegraph operator (same acts).....	1,200.00	
Two assistant foremen of division, at \$1,600 each (same acts).....	3,200.00	
One lithographer (same acts).....	1,500.00	
Three lithographers, at \$1,200 each (same acts).....	3,600.00	
Six compositors, at \$1,250 each (increase of 1 submitted) (same acts).....	7,500.00	
Fourteen printers, at \$1,200 each (same acts).....	16,800.00	
Eleven printers, at \$1,000 each (same acts).....	11,000.00	
Four folders and feeders, at \$720 each (same acts).....	2,880.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.	
<i>Salaries, Weather Bureau—Continued.</i>			
One chief mechanic (acts Oct. 1, 1890, vol. 26, p. 653, secs. 4-5; Aug. 10, 1912, vol. 37, p. 270, sec. 1).....	\$1,400.00		
Five skilled mechanics, at \$1,200 each (same acts).....	6,000.00		
Eight skilled mechanics, at \$1,000 each (increase of 1 submitted) (same acts).....	8,000.00		
One skilled mechanic (same acts).....	840.00		
One skilled mechanic (submitted).....	720.00		
Six skilled artisans, at \$840 each (Acts Oct. 1, 1890, vol. 26, p. 653, secs. 4-5; Aug. 10, 1912, vol. 37, p. 270, sec. 1).....	5,040.00		
One engineer (same acts).....	1,300.00		
One fireman and steamfitter (same acts).....	840.00		
Six firemen, at \$720 each (same acts).....	4,320.00		
One captain of the watch (same acts).....	1,000.00		
One electrician (increase of \$200 submitted) (same acts).....	1,200.00		
One gardener (same acts).....	840.00		
Two repairmen, at \$840 each (same acts).....	1,680.00		
Eight repairmen, at \$720 each (same acts).....	5,760.00		
Four watchmen, at \$720 each (same acts).....	2,880.00		
Seventeen messengers, messenger boys, or laborers, at \$720 each (same acts).....	12,240.00		
Six messengers, messenger boys, or laborers, at \$660 each (same acts).....	3,960.00		
Thirty-seven messengers, messenger boys, or laborers, at \$600 each (increase of 10 submitted) (same acts).....	22,200.00		
Eighty-seven messengers, messenger boys, or laborers, at \$480 each (same acts).....	41,760.00		
Five messengers, messenger boys, or laborers, at \$450 each (same acts).....	2,250.00		
Twenty-seven messenger boys, at \$360 each (same acts).....	9,720.00		
One charwoman (same acts).....	360.00		
Five charwomen, at \$240 each (increase of 2 submitted) (same acts).....	1,200.00		
	\$330,240.00	\$315,930.00	
Appropriations for 1904.....	\$175,440	Estimates for 1905.....	\$187,430
Appropriations for 1905.....	180,440	Estimates for 1906.....	181,190
Appropriations for 1906.....	191,430	Estimates for 1907.....	194,530
Appropriations for 1907.....	194,690	Estimates for 1908.....	196,990
Appropriations for 1908.....	196,990	Estimates for 1909.....	202,510
Appropriations for 1909.....	202,510	Estimates for 1910.....	204,310
Appropriations for 1910.....	205,310	Estimates for 1911.....	206,150
Appropriations for 1911.....	206,150	Estimates for 1912.....	342,800
Appropriations for 1912.....	313,170	Estimates for 1913.....	317,120
Appropriations for 1913.....	315,930	Estimates for 1914.....	330,240



General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>Solaries, Weather Bureau—Continued.</i>			
NOTE.—There is an increase of \$14,310 in the foregoing appropriation, as follows:			
NEW PLACES.			
1 clerk, class 2.....	\$1,400		
1 clerk, class 1.....	1,200		
2 clerks, at \$1,000 each.....	2,000		
1 compositor.....	1,250		
1 skilled mechanic.....	1,000		
1 skilled mechanic.....	720		
10 messengers, messenger boys, or laborers, at \$600 each.....	6,000		
2 charwomen, at \$240 each.....	480	\$14,050	
PROMOTIONS.			
1 electrician, \$1,000 to \$1,200.....	200		
1 copyist or typewriter at \$900, in lieu of 1 copyist or typewriter at \$840.....	60	260	
		14,310	
<i>Contingent Expenses, Weather Bureau—</i>			
For fuel, lights, repairs, and other expenses for the care and preservation of the public buildings and grounds and the improvement[s] of the existing public buildings of the Weather Bureau in the city of Washington; for stationery and blank books, furniture and repairs to same, and freight and express charges; for subsistence, care, and purchase of horses and vehicles, and repairs of harness, for official purposes only; for advertising, dry goods, twine, mats, oils, paints, glass, lumber, hardware, ice, washing towels, and other miscellaneous supplies and expenses not otherwise provided for in the city of Washington, twenty-five thousand dollars (acts Oct. 1, 1890, vol. 26, p. 654, sec. 9; Aug. 10, 1912, vol. 37, p. 271, sec. 1).....		\$25,000.00	\$25,000.00
Appropriations for 1904.....	\$8,000	Estimates for 1905.....	\$11,000
Appropriations for 1905.....	10,000	Estimates for 1906.....	10,000
Appropriations for 1906.....	10,000	Estimates for 1907.....	10,000
Appropriations for 1907.....	10,000	Estimates for 1908.....	10,000
Appropriations for 1908.....	10,000	Estimates for 1909.....	12,000
Appropriations for 1909.....	11,000	Estimates for 1910.....	125,000
Appropriations for 1910.....	125,000	Estimates for 1911.....	25,000
Appropriations for 1911.....	25,000	Estimates for 1912.....	25,000
Appropriations for 1912.....	25,000	Estimates for 1913.....	25,000
Appropriations for 1913.....	25,000	Estimates for 1914.....	25,000
1 "Fuel, lights, and repairs, Weather Bureau," merged in "Contingent expenses" in 1910.			
NOTE.—No change in amount of the above appropriation.			
<i>General Expenses, Weather Bureau—</i>			
For carrying into effect in the District of Columbia and elsewhere in the United States, in the West Indies or on adjacent coasts, in the Hawaiian Islands, and in Bermuda, the provisions of an act approved October first, eighteen hundred and ninety, so far as they relate to the weather service transferred thereby to the Department of Agriculture, and for every expenditure requisite for and incident to the establishment, equipment, and maintenance of meteorological observation stations, including cooperation with other bureaus of the Government and societies and institutions of learning for the dissemination of meteorological information, as follows:			
For the employment of professors of meteorology, inspectors, <i>national forecasters</i> , district forecasters, local forecasters, section directors, research observers, observers, assistant observers, operators, skilled mechanics, repairmen, station agents, messengers, messenger boys, laborers, and other necessary employees, [five hundred and sixty-nine thousand dollars;] <i>five hundred and eighty-five thousand dollars</i> (acts Oct. 1, 1890, vol. 26, p. 654, sec. 9; July 7, 1898, vol. 30, p. 706, sec. 1; Aug. 10, 1912, vol. 37, p. 271, sec. 1)...		\$585,000.00	
For fuel, gas, electricity, freight and express charges, furniture, stationery, and all other necessary supplies and miscellaneous expenses, one hundred and five thousand five hundred dollars (same acts).....		105,500.00	
For instruments, shelters, apparatus, storm-warning towers, and repairs thereto, [forty-two thousand five hundred dollars;] <i>forty-four thousand five hundred dollars</i> (same acts).....		44,500.00	
For rent of offices and repairs and improvements to buildings now completed and located outside of the District of Columbia, and care and preservation of grounds, including construction of necessary outbuildings and sidewalks on public streets abutting Weather Bureau grounds, ninety-nine thousand dollars (same acts).....		99,000.00	
For official traveling expenses, [twenty-two thousand dollars;] <i>twenty-four thousand five hundred dollars</i> (same acts).....		24,500.00	
For telephone rentals and for telegraphing, telephoning, and cabling reports and messages, rates to be fixed by the Secretary of Agriculture by agreements with the companies performing the service, three hundred and five thousand dollars (same acts).....		305,000.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.	
<i>General Expenses, Weather Bureau—Continued.</i>			
For the maintenance and repair of Weather Bureau telegraph, telephone, and cable lines, four thousand dollars (acts Oct. 1, 1890, vol. 26, p. 654, sec. 9; July 7, 1898, vol. 30, p. 706, sec. 1; Aug. 10, 1912, vol. 37, p. 271, sec. 1).....	\$4,000.00		
For investigations in climatology and evaporation, including the erection of temporary buildings for living quarters for observers, for river, rain, snow, ice, crop, evaporation, aerial, storm, hurricane, and other observations, warnings, and reports, and for pay of special observers and display men, [one hundred and fifteen thousand dollars;] <i>one hundred and twenty-six thousand dollars (same acts)</i>	126,000.00		
For the maintenance of a printing office in the city of Washington, including the purchase of necessary supplies and materials for printing weather maps, bulletins, circulars, forms, and other publications, and for pay of additional assistant foremen, proof readers, compositors, pressmen, lithographers, and folders and feeders, when necessary, sixteen thousand seven hundred and fifty dollars (same acts).....	16,750.00		
In all, for general expenses, [one million two hundred and seventy-eight thousand seven hundred and fifty dollars.] <i>one million three hundred and ten thousand and two hundred and fifty dollars</i>	\$1,310,250.00	\$1,278,750.00	
<i>And hereafter official and employees of the Weather Bureau may be transferred from the field service to service in the same bureau in the District of Columbia without regard to the Civil Service rule of apportionment; and officials and employees of the Weather Bureau, when transferred from one station to another for official duty, shall be allowed all traveling expenses authorized by existing laws applicable to said bureau, notwithstanding any changes in appointment that may be required by such transfers.</i>			
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Appropriations for 1904.....	¹ \$496,780	Estimates for 1905.....	¹ \$631,780
Appropriations for 1905.....	¹ 572,000	Estimates for 1906.....	¹ 592,000
Appropriations for 1906.....	¹ 562,010	Estimates for 1907.....	¹ 693,010
Appropriations for 1907.....	¹ 630,000	Estimates for 1908.....	¹ 645,000
Appropriations for 1908.....	¹ 645,000	Estimates for 1909.....	¹ 687,500
Appropriations for 1909.....	¹ 852,000	Estimates for 1910.....	¹ 412,950
Appropriations for 1910.....	¹ 277,950	Estimates for 1911.....	¹ 277,110
Appropriations for 1911.....	¹ 293,610	Estimates for 1912.....	¹ 283,310
Appropriations for 1912.....	¹ 262,080	Estimates for 1913.....	¹ 268,330
Appropriations for 1913.....	¹ 278,750	Estimates for 1914.....	¹ 310,250
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¹ "Salaries, station employees, Weather Bureau," separately provided for.			

¹ "Salaries, station employees, Weather Bureau," separately provided for.

NOTE 1.—There is an increase of \$31,500 in the above appropriation, as follows:

An increase of \$16,000 is submitted for field salaries. Of this amount \$10,000 is needed in order that the entrance salary for observers may be made not less than \$900 per annum. The present salary is \$720 per annum. It has been impossible to secure the number and class of employees that are necessary for the work, because of this low entrance rate. This fact was emphasized by the results of the last examination held by the Civil Service Commission, when only 12 eligibles were secured as the result of the examination held throughout the United States, and an increase of \$6,000 is submitted for the employment of additional observers who shall be assigned to night duty along coast stations, as a protection and safeguard against the approach of dangerous storms from the oceans. Premonition of such storms is given by the automatic reporting instruments in the Weather Bureau offices, and it occasionally occurs that storms of a most serious character approach during the night; and if employees can be placed on duty during the night hours at such stations many hours' warning can be given, with enormous saving in property. The words "national forecasters" have also been added to this subappropriation.

An increase of \$2,000 is submitted for instruments required in the frost and investigation work that is being conducted in the fruit and corn and wheat sections of the country. There has been enormous demand for this sort of work, and the results already gained promise large benefits to the horticultural, trucking, and similar interests of the country.

An increase of \$2,500 is submitted for additional traveling expenses. For several years, by the exercise of rigid economy, the amount allowed for traveling expenses for the Weather Bureau has not been increased; but the time has now arrived when it will be impossible, on account of the many lines of new work, as well as the increase in stations, to properly carry on the work of the service without a slight increase in the expenses for traveling.

An increase of \$11,000 is submitted for investigations and substations. Of this amount, \$6,000 is needed for the employment of special observers who will be employed in connection with the fruit investigations and frost-warning service, which is being extended through the fruit and cereal growing sections of the country, and \$5,000 will be needed for the employment of special observers required in reporting the stages of rivers, as it is desired to establish new stations in some 18 different States with a view of perfecting the present system.

A new paragraph has been inserted to cover the interchange of employees between the city of Washington and the field, and the payment of traveling expenses of employees transferred from one station to another. The work carried on by the Weather Bureau is of such a character as to render it desirable that its officials and employees at the central office should be fully familiar with the work performed at field stations, and vice versa. Under the application of existing civil-service rules there is no difficulty about transferring employees from the city of Washington to the field, but under existing laws and regulations a transfer from the field force to the city of Washington is rendered difficult and often impossible. Under the present ruling of the Comptroller of the Treasury an employee transferred from one station to another with either a promotion or reduction in salary, or whose status or designation is changed without any change in salary, can not be paid his traveling expenses if a new appointment is issued to him, as such appointment is held to create a new position, and the employee is required to report for duty at his new station without expense to the Government. Changes in salary or status are often necessarily incident to the transfer of employees from one station to another, and the application of this ruling is highly embarrassing to the official administration of the bureau. The proposed paragraph will be a great gain toward efficiency in the operation of the Weather Bureau.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Weather Bureau—Continued.</i>			
NOTE 2.—Salaries of professors of meteorology, inspectors, district forecasters, observers, assistant observers, etc., carried on the lump funds named below on Aug. 1, 1912:			
GENERAL EXPENSES, WEATHER BUREAU.			
STATION SALARIES.			
In Washington:			
1 professor of meteorological physics.....	\$3,500		
2 professors of meteorology, at \$3,500 each.....	7,000		
1 professor of meteorology.....	3,000		
1 professor of meteorology.....	2,500		
1 junior professor of meteorology.....	2,400		
1 district forecaster.....	3,000		
1 marine meteorologist and chief of division.....	2,500		
1 climatologist and chief of division.....	2,500		
1 observer.....	1,200		
2 assistant observers, at \$1,000 each.....	2,000		
Total.....	29,600		
PRINTING OFFICE.			
1 compositor (temporary).....	1,250		
STATION SALARIES.			
Out of Washington:			
3 professors of meteorology, at \$3,500 each.....	10,500		
2 professors of meteorology, at \$2,500 each.....	5,000		
2 inspectors, at \$2,750 each.....	5,500		
7 district forecasters, at \$2,400 each.....	16,800		
1 research director.....	2,000		
6 local forecasters, at \$2,000 each.....	12,000		
10 local forecasters, at \$1,800 each.....	18,000		
23 local forecasters, at \$1,600 each.....	36,800		
40 local forecasters, at \$1,400 each.....	56,000		
5 local forecasters, at \$1,200 each.....	6,000		
2 local forecasters, at \$1,000 each.....	2,000		
1 local forecaster.....	900		
8 section directors, at \$2,000 each.....	16,000		
11 section directors, at \$1,800 each.....	19,800		
9 section directors, at \$1,600 each.....	14,400		
7 section directors, at \$1,400 each.....	9,800		
1 section director.....	1,000		
91 observers, at \$1,200 each.....	109,200		
98 assistant observers, at \$1,000 each.....	98,000		
85 assistant observers, at \$840 each.....	71,400		
24 assistant observers, at \$720 each.....	17,280		
1 expert in vessel reporting.....	840		
5 student assistants, at \$300 each.....	1,500		
Total.....	530,720		
NOTE 3.—In accordance with the provisions of section 6 of the sundry civil act approved Aug. 24, 1912 (Public, 302), the following matter relative to the foregoing appropriation is submitted:			
(1914: \$1,310,250.)	GENERAL EXPENSES, WEATHER BUREAU.	(1912: \$1,262,080.)	
Station salaries, 1914, \$585,000.		Station salaries, 1912, \$546,580.	
ESTIMATED.		EXPENDED.	
Salaries..... \$585,000.00	Salaries..... \$545,540.88		
As follows:	As follows:		
5 professors of meteorology, at \$3,500 each.	5 professors of meteorology, at \$3,000 each.		
1 professor of meteorological physics, at \$3,500.	1 professor of meteorological physics, at \$3,500.		
1 professor of meteorology, at \$3,000.	1 district forecaster, at \$3,000.		
3 professors of meteorology, at \$2,500 each.	1 professor of meteorology at \$2,500 and \$3,000.		
1 junior professor of meteorology, at \$2,400.	2 inspectors, at \$2,750 each.		
1 district forecaster, at \$3,000.	2 professors of meteorology, at \$2,500 each.		
1 marine meteorologist and chief of division, at \$2,500.	1 climatologist and chief of division, at \$2,500.		
1 climatologist and chief of division, at \$2,500.	1 marine meteorologist and chief of division, at \$2,500.		
2 inspectors, at \$2,750 each.	1 district forecaster, at \$2,400, and professor of meteorology, at \$2,500.		
7 district forecasters, at \$2,400 each.	7 district forecasters, at \$2,400 each.		
1 research director, at \$2,000.	5 local forecasters, at \$2,000 each.		
6 local forecasters, at \$2,000 each.	1 local forecaster, at \$1,800 and \$2,000.		
10 local forecasters, at \$1,800 each.	7 section directors, at \$2,000 each.		
23 local forecasters, at \$1,600 each.	1 research director, at \$2,000.		
40 local forecasters, at \$1,400 each.	1 section director, at \$1,800 and \$2,000.		
5 local forecasters, at \$1,200 each.	10 local forecasters, at \$1,800 each.		
2 local forecasters, at \$1,000 each.	1 local forecaster, at \$1,600 and \$1,800.		
1 local forecaster, at \$900.	10 section directors, at \$1,800 each.		
8 section directors, at \$2,000 each.	1 local forecaster, at \$1,600, and section director at \$1,800.		
11 section directors, at \$1,800 each.	19 local forecasters, at \$1,600 each.		
9 section directors, at \$1,600 each.	2 local forecasters, at \$1,400 and \$1,600 each.		
7 section directors, at \$1,400 each.	3 section directors, at \$1,400, and local forecasters, at \$1,600 each.		
1 section director, at \$1,000.	6 section directors, at \$1,600 each.		
92 observers, at \$1,200 each.	3 section directors, at \$1,400 and \$1,600 each.		
100 assistant observers, at \$1,000 each.	1 local forecaster, at \$1,400, and section director, at \$1,600.		
109 assistant observers, at \$900 each.	1 research director, at \$1,400, section director, at \$1,600, and observer, at \$1,200.		
1 expert in vessel reporting, at \$840.	36 local forecasters, at \$1,400 each.		
5 student assistants, at \$300 each.	1 local forecaster, at \$1,200 and \$1,400.		
	4 observers, at \$1,200, and local forecasters, at \$1,400 each.		
	6 section directors, at \$1,400 each.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Weather Bureau—Continued.</i>			
Salaries, as follows:			
2 observers, at \$1,200, and section directors, at \$1,400 each.			
5 local forecasters, at \$1,200 each.			
81 observers, at \$1,200 each.			
12 assistant observers, at \$1,000, and observers at \$1,200 each.			
2 local forecasters, at \$1,000 each.			
1 section director, at \$1,000.			
90 assistant observers, at \$1,000 each.			
20 assistant observers, at \$840 and \$1,000 each.			
1 local forecaster, at \$900.			
57 assistant observers, at \$840 each.			
1 expert in vessel reporting, at \$840.			
36 assistant observers, at \$720 and \$840 each.			
24 assistant observers, at \$720 each.			
1 temporary assistant, at \$2 per day, and assistant observer, at \$720.			
5 station agents, at \$300 each.			
7 student assistants, at \$300 each.			
1 printer, temporary, at \$4.40 per day.			
1 printer, temporary, at \$3.17 per day.			
1 printer, temporary, at \$3.16½ and \$3.16 per day.			
17 assistant observers, temporary, at \$2 per day each.			
2 repairmen, temporary, at \$2 per day each.			
1 assistant observer, temporary, at \$1.50 per day.			
1 messenger, temporary, at \$1.50 per day.			
10 assistant observers, temporary, at \$1 per day each.			
1 repairman, temporary, at \$1 per day.			
29 messengers, temporary, at \$1 per day each.			
Total estimate, 1914.....	\$585,000.00	Total expenditures, 1912.....	\$545,540.88
Total appropriation, 1913.....	569,000.00		
Increase.....	16,000.00		
Miscellaneous expenses, 1914, \$105,500.		Miscellaneous expenses, 1912, \$114,400.	
		(Original subappropriation of \$104,000 increased by transfer of \$10,400 from other subappropriations.)	
ESTIMATED.		EXPENDED.	
Supplies and equipment.....	\$75,500.00	Supplies and equipment.....	\$77,556.86
Miscellaneous expenses.....	30,000.00	Miscellaneous expenses.....	31,834.25
Total estimate, 1914.....	105,500.00	Total expenditures, 1912.....	109,391.11
Total appropriation, 1913.....	105,500.00		
Instruments, 1914, \$44,500.		Instruments, 1912, \$38,500.	
		(Original subappropriation of \$35,000 increased by transfer of \$3,500 from other subappropriation.)	
ESTIMATED.		EXPENDED.	
Supplies and equipment.....	\$36,500.00	Supplies and equipment.....	\$28,460.36
Miscellaneous expenses.....	8,000.00	Miscellaneous expenses.....	7,809.98
Total estimate, 1914.....	44,500.00	Total expenditures, 1912.....	36,270.34
Total appropriation, 1913.....	42,500.00		
Increase.....	2,000.00		
(No estimate for 1914, and no appropriation in 1913.)		Key West Building, 1912, \$15,000.	
		EXPENDED.	
		Building construction.....	\$14,844.50
		Total expenditures, 1912.....	14,844.50
Rents and repairs, 1914, \$99,000.		Rents and repairs, 1912, \$96,000.	
		(Original subappropriation of \$97,500 decreased by transfer of \$1,500 to other subappropriation.)	
ESTIMATED.		EXPENDED.	
Rent of field offices.....	\$85,000.00	Rent of field offices.....	\$77,987.85
Miscellaneous expenses.....	14,000.00	Miscellaneous expenses.....	16,549.55
Total estimate, 1914.....	99,000.00	Total expenditures, 1912.....	94,537.40
Total appropriation, 1913.....	99,000.00		
Traveling expenses, 1914, \$24,500.		Traveling expenses, 1912, \$22,000.	
ESTIMATED.		EXPENDED.	
Traveling expenses.....	\$24,500.00	Traveling expenses.....	\$19,200.48
Total estimate, 1914.....	24,500.00	Total expenditures, 1912.....	19,200.48
Total appropriation, 1913.....	22,000.00		
Increase.....	2,500.00		
Telephoning and telegraphing, 1914, \$305,000.		Telephoning and telegraphing, 1912, \$298,100.	
		(Original subappropriation of \$300,000 decreased by transfer of \$1,900 to other subappropriations.)	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

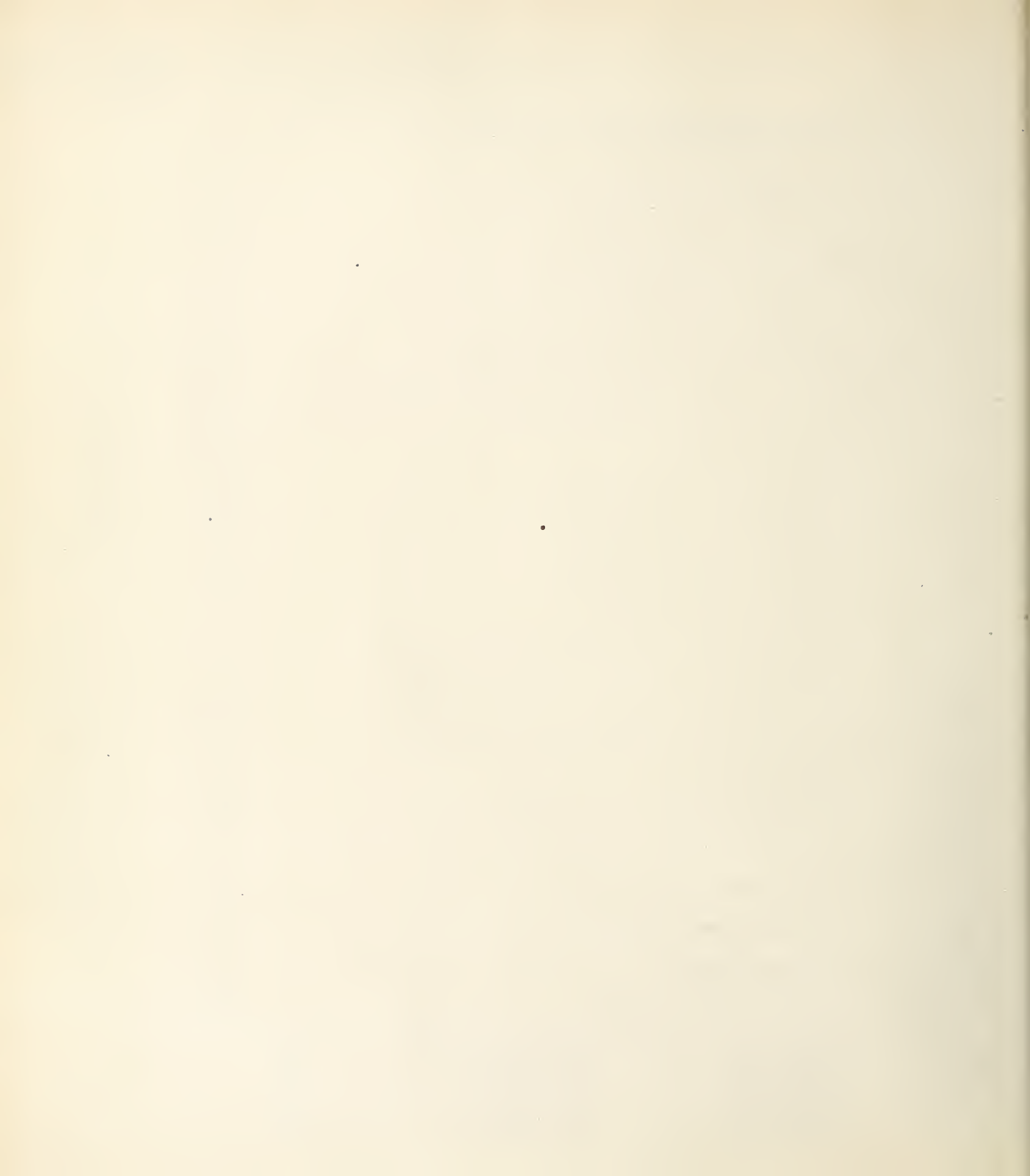
General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Weather Bureau—Continued.</i>			
ESTIMATED.		EXPENDED.	
Telephone rentals.....	\$11,000.00	Telephone rentals.....	\$10,173.76
Telegraphic and telephonic tolls on reports and messages.....	293,500.00	Telegraphic and telephonic tolls on reports and messages.....	270,185.52
Miscellaneous expenses.....	500.00	Miscellaneous expenses.....	491.81
Total estimate, 1914.....	305,000.00	Total expenditures, 1912.....	280,851.09
Total appropriation, 1913.....	305,000.00		
Line and cable repairs, 1914, \$4,000.		Line and cable repairs, 1912, \$4,000.	
ESTIMATED.		EXPENDED.	
Supplies and equipment.....	\$600.00	Supplies and equipment.....	\$538.97
Miscellaneous expenses.....	3,400.00	Miscellaneous expenses.....	2,569.81
Total estimate, 1914.....	4,000.00	Total expenditures, 1912.....	3,108.78
Total appropriation, 1913.....	4,000.00		
Investigations and substations, 1914, \$126,000.		Investigations and substations, 1912, \$108,000.	
		(Original subappropriation of \$120,000 decreased by transfer of \$12,000 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$114,000.00	Salaries.....	\$88,651.82
As follows:		As follows:	
Special meteorological observers, storm-warning displaymen, river, snowfall, cotton region, corn and wheat region observers, and other miscellaneous observers, approximately 1,500 in all, with a compensation varying from 20 cents per report to \$25 per month.		Special meteorological observers, storm-warning displaymen, river, snowfall, cotton region, corn and wheat region observers, and other miscellaneous observers, approximately 1,500 in all, with a compensation varying from 20 cents per report to \$25 per month.	
Supplies and equipment.....	2,000.00	Supplies and equipment.....	1,483.18
Miscellaneous expenses.....	10,000.00	Miscellaneous expenses.....	10,098.84
Total estimate, 1914.....	126,000.00	Total expenditures, 1912.....	100,233.84
Total appropriation, 1913.....	115,000.00		
Increase.....	11,000.00		
Activities:		Activities:	
Special meteorological observations..	10,000.00	Special meteorological observations..	14,989.42
Special marine observations.....	24,000.00	Special marine observations.....	2,137.10
Storm-warning displays.....	20,500.00	Storm-warning displays.....	19,391.73
Cranberry-marsh observations.....	470.00	Cranberry-marsh observations.....	180.00
Lake observations.....	12.00	Lake observations.....	11.25
Snow and ice observations.....	14,500.00	Snow and ice observations.....	14,439.25
River and rainfall observations.....	37,840.00	River and rainfall observations.....	32,625.19
Corn and wheat region observations..	4,600.00	Corn and wheat region observations..	4,875.60
Cotton-region observations.....	4,200.00	Cotton-region observations.....	7,947.73
Sugar and rice observations.....	278.00	Sugar and rice observations.....	538.40
Investigations in climatology.....	2,600.00	Investigations in climatology.....	2,101.56
Investigations in evaporation.....	1,000.00	Investigations in evaporation.....	996.61
Special fruit-district observations....	6,000.00		
Total.....	126,000.00	Total.....	100,233.84
Printing office, 1914, \$16,750.		Printing office, 1912, \$19,500.	
		(Original subappropriation of \$18,000 increased by transfer of \$1,500 from other subappropriation.)	
ESTIMATED.		EXPENDED.	
Supplies and equipment.....	\$16,550.00	Salaries.....	\$1,423.60
Miscellaneous expenses.....	200.00	As follows:	
Total estimate, 1914.....	16,750.00	3 compositors, at \$1,250 each.	
Total appropriation, 1913.....	16,750.00	Supplies and equipment.....	17,842.65
		Miscellaneous expenses.....	185.28
		Total expenditures, 1912.....	19,451.53
Total for Weather Bureau, including statutory salaries		\$1,665,490.00	\$1,619,680.00
BUREAU OF ANIMAL INDUSTRY.			
<i>Salaries, Bureau of Animal Industry—</i>			
One chief of bureau (increase of \$1,000 submitted) (R. S., p. 87, secs. 522, 523; acts Apr. 25, 1896, vol. 29, p. 101, sec. 1; Aug. 10, 1912, vol. 37, p. 272, sec. 1).....	\$6,000.00		
One chief clerk and executive assistant (change of title and increase of \$250 submitted) (same acts).....	2,750.00		
One editor and compiler (same acts).....	2,250.00		
Six clerks, class 4 (same acts).....	10,800.00		
One clerk (same acts).....	1,680.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>Salaries, Bureau of Animal Industry—Continued.</i>		
Twelve clerks, class 3 (R. S., p. 87, secs. 522, 523; acts Apr. 25, 1896, vol. 29, p. 101, sec. 1; Aug. 10, 1912, Vol. 37, p. 272, sec. 1).....	\$19,200.00	
Two clerks, at \$1,500 each (same acts).....	3,000.00	
Twenty-two clerks, class 2 (same acts).....	30,800.00	
Two clerks, at \$1,380 each (same acts).....	2,760.00	
Three clerks, at \$1,320 each (same acts).....	3,960.00	
One clerk (same acts).....	1,300.00	
One clerk (same acts).....	1,260.00	
Thirty-nine clerks, class 1 (same acts).....	46,800.00	
One clerk (same acts).....	1,100.00	
One clerk (same acts).....	1,080.00	
Fifty-one clerks, at \$1,000 each (increase of 6 submitted, 3 by transfer from lump fund for general expenses, and three new places) (same acts).....	51,000.00	
Two clerks, at \$960 each (same acts).....	1,920.00	
Sixty-four clerks, at \$900 each (increase of 2 by transfer from lump fund for general expenses, 1 at \$720 with increase of \$180, and the other at \$700 with increase of \$200) (same acts)....	57,600.00	
One architect (same acts).....	2,000.00	
One architect (same acts).....	900.00	
One illustrator (same acts).....	1,400.00	
Four inspector's assistants, at \$1,000 each (same acts).....	4,000.00	
Twelve inspector's assistants, at \$840 each (same acts).....	10,080.00	
One laboratory assistant (same acts).....	1,200.00	
Two laboratory assistants, at \$900 each (same acts).....	1,800.00	
One laboratory helper (same acts).....	1,020.00	
Two laboratory helpers, at \$840 each (same acts).....	1,680.00	
One laboratory helper (same acts).....	720.00	
One laboratory helper (same acts).....	600.00	
One laboratory helper (same acts).....	480.00	
One instrument maker (same acts).....	1,200.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>Salaries, Bureau of Animal Industry—Continued.</i>			
One carpenter (R. S., p. 87, secs. 522, 523; acts Apr. 25, 1896, vcl. 29, p. 101, sec. 1; Aug. 10, 1912, vol. 37, p. 272, sec. 1).....	\$1, 100. 00		
Two carpenters, at \$1,000 each (same acts).....	2, 000. 00		
One messenger and custodian (same acts).....	1, 200. 00		
One messenger and custodian (same acts).....	1, 000. 00		
Nine messengers, skilled laborers, or laborers, at \$840 each (same acts).....	7, 560. 00		
Ten messengers, skilled laborers, or laborers, at \$720 each (same acts).....	7, 200. 00		
Twenty-three messengers, messenger boys, or laborers, at \$480 each (same acts).....	11, 040. 00		
Six messengers or messenger boys, at \$360 each (same acts).....	2, 160. 00		
One skilled laborer (same acts).....	1, 000. 00		
Thirty-three skilled laborers, at \$900 each (same acts).....	29, 700. 00		
Two skilled laborers, at \$840 each (same acts).....	1, 680. 00		
Seven skilled laborers, at \$720 each (same acts).....	5, 040. 00		
One skilled laborer or laborer (same acts).....	780. 00		
Two laborers or messengers, at \$660 each (same acts).....	1, 320. 00		
Nine laborers, messengers, or messenger boys, at \$600 each (same acts).....	5, 400. 00		
Three laborers, messengers, or messenger boys, at \$540 each (same acts).....	1, 620. 00		
One watchman (same acts).....	720. 00		
One charwoman (same acts).....	600. 00		
One charwoman (same acts).....	540. 00		
Eleven charwomen, at \$480 each (same acts).....	5, 280. 00		
Four charwomen, at \$360 each (same acts).....	1, 440. 00		
One charwoman (same acts).....	300. 00		
Two charwomen, at \$240 each (same acts).....	480. 00		
		\$361, 500. 00	\$352, 450. 00
Appropriations for 1904.....	\$87, 380	Estimates for 1905.....	\$87, 880
Appropriations for 1905.....	87, 880	Estimates for 1906.....	87, 880
Appropriations for 1906.....	83, 480	Estimates for 1907.....	82, 980
Appropriations for 1907.....	84, 780	Estimates for 1908.....	85, 280
Appropriations for 1908.....	85, 280	Estimates for 1909.....	84, 210
Appropriations for 1909.....	83, 660	Estimates for 1910.....	115, 100
Appropriations for 1910.....	114, 100	Estimates for 1911.....	115, 920
Appropriations for 1911.....	115, 920	Estimates for 1912.....	494, 070
Appropriations for 1912.....	347, 450	Estimates for 1913.....	360, 430
Appropriations for 1913.....	352, 450	Estimates for 1914.....	361, 500



Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>Salaries, Bureau of Animal Industry—Continued.</i>		
NOTE.—There is an apparent increase in the foregoing appropriation of \$9,050, but taking into consideration the salaries of three clerks, at \$1,000 each, one clerk at \$720, and one clerk at \$700, transferred from the lump fund for general expenses, which fund has been reduced accordingly, the actual increase is \$4,630, as follows:		
PROMOTIONS.		
1 chief of bureau, \$5,000 to \$6,000.....	\$1,000	
1 chief clerk and executive assistant, change of title and increase from \$2,500 to \$2,750.....	250	
1 clerk, \$720 to \$900, by transfer from lump fund.....	180	
1 clerk, \$700 to \$900, by transfer from lump fund.....	200	
NEW PLACES.		
3 clerks, at \$1,000 each.....	3,000	
Actual increase.....	4,630	
TRANSFERS FROM LUMP FUND FOR GENERAL EXPENSES, WHICH FUND HAS BEEN REDUCED ACCORDINGLY.		
3 clerks, at \$1,000 each.....	\$3,000	
1 clerk.....	720	
1 clerk.....	700	
	4,420	
Apparent increase.....	9,050	
<i>General Expenses, Bureau of Animal Industry—</i>		
For carrying out the provisions of the act approved May twenty-ninth, eighteen hundred and eighty-four, establishing a Bureau of Animal Industry, and the provisions of the act approved March third, eighteen hundred and ninety-one, providing for the safe transport and humane treatment of export cattle from the United States to foreign countries, and for other purposes; the act approved August thirtieth, eighteen hundred and ninety, providing for the importation of animals into the United States, and for other purposes; and the provisions of the act of May ninth, nineteen hundred and two, extending the inspection of meats to process butter, and providing for the inspection of factories, marking of packages, and so forth; and the provisions of the act approved February second, nineteen hundred and three, to enable the Secretary of Agriculture to more effectually suppress and prevent the spread of contagious and infectious diseases of live stock, and for other purposes; and also the provisions of the act approved March third, nineteen hundred and five, to enable the Secretary of Agriculture to establish and maintain quarantine districts, to permit and regulate the movement of cattle and other live stock therefrom, and for other purposes: <i>Provided, That hereafter all the provisions of the said act approved March third, nineteen hundred and five, shall apply to any railroad company or other common carrier, whose road or line forms any part of a route over which cattle or other live stock are transported in the course of shipment from any quarantined State or Territory or the District of Columbia, or from the quarantined portion of any State or Territory or the District of Columbia, into any other State or Territory or the District of Columbia;</i> and for carrying out the provisions of the act of June twenty-ninth, nineteen hundred and six, entitled "An act to prevent cruelty to animals while in transit by railroad or other means of transportation," and to enable the Secretary of Agriculture to collect and disseminate information concerning live stock, dairy, and other animal products; to prepare and disseminate reports on animal industry; to employ and pay from the appropriation herein made as many persons in the city of Washington or elsewhere as he may deem necessary; to purchase in the open market samples of all tuberculin, serums, antitoxins, or analogous products, of foreign or domestic manufacture, which are sold in the United States, for the detection, prevention, treatment, or cure of diseases of domestic animals, to test the same, and to disseminate the results of said tests in such manner as he may deem best; to purchase and destroy diseased or exposed animals or quarantine the same whenever in his judgment essential to prevent the spread of pleuropneumonia, tuberculosis, or other diseases of animals from one State to another, as follows:		
For inspection and quarantine work, including all necessary expenses for the eradication of scabies in sheep and cattle, the inspection of southern cattle, the supervision of the transportation of live stock and the inspection of vessels, the execution of the twenty-eight-hour law, the inspection and quarantine of imported animals, including the establishment and maintenance of quarantine stations and the alteration of buildings thereon, the inspection work relative to the existence of contagious diseases and the tuberculin and mallein testing of animals, [six hundred thousand dollars;] <i>six hundred and fifty-four thousand dollars: Provided, That of this sum not less than three thousand dollars may be used for the erection of a superintendent's dwelling on the ground of the United States animal quarantine station for the port of Boston at Littleton, Massachusetts</i> (acts May 29, 1884, vol. 23, p. 31, secs. 1-11; Aug. 30, 1890, vol. 26, p. 414, secs. 1-10; Mar. 3, 1891, vol. 26, p. 1089, secs. 1-7; Mar. 2, 1895, vol. 28, p. 732, sec. 1; Feb. 2, 1903, vol. 32, p. 791, secs. 1-3; Mar. 3, 1905, vol. 33, p. 1264, secs. 1-6; June 29, 1906, vol. 34, p. 607, sec. 1; Aug. 10, 1912, vol. 37, p. 273, sec. 1).....	\$654,000.00	
For all necessary expenses for the eradication of southern cattle ticks, [two hundred and fifty thousand dollars;] <i>three hundred thousand dollars (same acts)</i>	300,000.00	
For all necessary expenses for investigations and experiments in dairy industry, cooperative investigations of the dairy industry in the various States, inspection of renovated butter factories and markets, [one hundred and seventy-seven thousand nine		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<p><i>General Expenses, Bureau of Animal Industry—Continued.</i></p> <p>hundred dollars;] two hundred thousand dollars [Provided, That the sanitary provisions for slaughtering, meat canning, or similar establishments, as set forth in the act of June thirtieth, nineteen hundred and six (Thirty-fourth Statutes, page six hundred and seventy-six), are hereby extended to cover renovated butter factories as defined in the act of May ninth, nineteen hundred and two (Thirty-second Statutes, page one hundred and ninety-six), under such regulations as the Secretary of Agriculture may prescribe;] (acts May 29, 1884, vol. 23, p. 31, secs. 1-11; Aug. 30, 1890, vol. 26, p. 414, secs. 1-10; Mar. 3, 1891, vol. 26, p. 1089, secs. 1-7; Mar. 2, 1895, vol. 28, p. 732, sec. 1; Feb. 2, 1903, vol. 32, p. 791, secs. 1-3; Mar. 3, 1905, vol. 33, p. 1264, secs. 1-6; June 29, 1906, vol. 34, p. 607, sec. 1; Aug. 10, 1912, vol. 37, p. 273, sec. 1).....</p>	\$200,000.00	
<p>For all necessary expenses for investigations and experiments in animal husbandry, fifty-two thousand one hundred and eighty dollars (same acts).....</p>	52,180.00	
<p>For all necessary expenses for scientific investigations in diseases of animals, including the maintenance and improvement of the bureau experiment station at Bethesda, Maryland, and the necessary alterations of buildings thereon, and the necessary expenses for investigations of tuberculin, serums, antitoxins, and analogous products, seventy-eight thousand six hundred and eighty dollars (same acts).....</p>	78,680.00	
<p><i>That from and after July first, nineteen hundred and thirteen, it shall be unlawful for any person, firm, or corporation to prepare, sell, barter, or exchange in the District of Columbia, or in the Territories, or in any place under the jurisdiction of the United States, or to ship or deliver for shipment from one State or Territory or the District of Columbia to any other State or Territory or the District of Columbia, any worthless, contaminated, dangerous, or harmful virus, serum, toxin, or analogous product intended for use in the treatment of domestic animals, and no person, firm, or corporation shall prepare, sell, barter, exchange, or ship as aforesaid any virus, serum, toxin, or analogous product manufactured within the United States and intended for use in the treatment of domestic animals, unless and until the said virus, serum, toxin, or analogous product shall have been prepared, under and in compliance with regulations prescribed by the Secretary of Agriculture, at an establishment holding an unsuspended and unrevoked license issued by the Secretary of Agriculture as hereinafter authorized. That the importation into the United States, without a permit from the Secretary of Agriculture, of any virus, serum, toxin, or analogous product for use in the treatment of domestic animals, and the importation of any worthless, contaminated, dangerous, or harmful virus, serum, toxin, or analogous product for use in the treatment of domestic animals, are hereby prohibited. The Secretary of Agriculture is hereby authorized to cause the Bureau of Animal Industry to examine and inspect all viruses, serums, toxins, and analogous products, for use in the treatment of domestic animals, which are being imported or offered for importation into the United States, to determine whether such viruses, serums, toxins, and analogous products are worthless, contaminated, dangerous, or harmful, and if it shall appear that any such virus, serum, toxin, or analogous product, for use in the treatment of domestic animals, is worthless, contaminated, dangerous, or harmful, the same shall be denied entry and shall be destroyed or returned at the expense of the owner or importer. That the Secretary of Agriculture be, and hereby is, authorized to make and promulgate from time to time such rules and regulations as may be necessary to prevent the preparation, sale, barter, exchange, or shipment as aforeaid of any worthless, contaminated, dangerous, or harmful virus, serum, toxin, or analogous product for use in the treatment of domestic animals, and to issue, suspend, and revoke licenses for the maintenance of establishments for the preparation of viruses, serums, toxins, and analogous products, for use in the treatment of domestic animals, intended for sale, barter, exchange, or shipment as aforeaid. The Secretary of Agriculture is hereby authorized to issue permits for the importation into the United States of viruses, serums, toxins, and analogous products for use in the treatment of domestic animals which are not worthless, contaminated, dangerous, or harmful. All licenses issued under authority of this act to establishments where such viruses, serums, toxins, or analogous products are prepared for sale, barter, exchange, or shipment as aforeaid, shall be issued on condition that the licensee shall permit the inspection of such establishments and of such products and their preparation; and the Secretary of Agriculture may suspend or revoke any permit or license issued under authority of this act, after opportunity for hearing has been granted the licensee or importer, when the Secretary of Agriculture is satisfied that such license or permit is being used to facilitate or effect the preparation, sale, barter, exchange, or shipment as aforeaid or the importation into the United States of any worthless, contaminated, dangerous, or harmful virus, serum, toxin, or analogous product for use in the treatment of domestic animals. That any officer, agent, or employee of the Department of Agriculture duly authorized by the Secretary of Agriculture for the purpose may at any hour during the daytime or nighttime, enter and inspect any establishment licensed under this act where any virus, serum, toxin, or analogous product for use in the treatment of domestic animals is prepared for sale, barter, exchange, or shipment as aforeaid. That any person, firm, or corporation who shall violate any of the provisions of this act shall be deemed guilty of a misdemeanor, and shall, upon conviction, be punished by a fine of not exceeding one thousand dollars or by imprisonment not exceeding one year, or by both such fine and imprisonment, in the discretion of the court. That there is hereby appropriated, out of any moneys in the Treasury not otherwise appropriated, to be expended as the Secretary of Agriculture may direct, for the purposes and objects of this act, the sum of twenty-five thousand dollars, which appropriation shall become available on July first, nineteen hundred and thirteen, and may be expended at any time before July first, nineteen hundred and fourteen.....</i></p>	25,000.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.	
<i>General Expenses, Bureau of Animal Industry—Continued.</i>			
For construction of buildings at bureau experiment station at Bethesda, Maryland, and bureau experiment farm at Beltsville, Maryland, sixteen thousand five hundred dollars (acts May 29, 1884, vol. 23, p. 31, secs. 1-11; Aug. 30, 1890, vol. 26, p. 414, secs. 1-10, Mar. 3, 1891, vol. 26, p. 1039, secs. 1-7; Mar. 2, 1895, vol. 23, p. 732, sec. 1; Feb. 2, 1903, vol. 32, p. 791, secs. 1-3; Mar. 3, 1905, vol. 33, p. 1264, secs. 1-6, June 29, 1906, vol. 34, p. 607, sec. 1; Aug. 10, 1912, vol. 37, p. 273, sec. 1)	\$16,500.00		
For general administrative work, including traveling expenses and salaries of employees engaged in such work, rent outside of the District of Columbia, office fixtures and supplies, express, freight, telegraph, telephone, and other necessary expenses, [forty-two thousand six hundred and six dollars;] <i>forty thousand one hundred and eighty-six dollars</i> (same acts).....	40,186.00		
In all, for general expenses, [one million two hundred and seventeen thousand eight hundred and sixty-six dollars;] <i>one million three hundred and sixty-six thousand five hundred and forty-six dollars</i>	\$1,366,546.00	\$1,217,866.00	
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Appropriations for 1904.....	\$1,200,000	Estimates for 1905.....	\$1,350,000
Appropriations for 1905.....	1,275,000	Estimates for 1906.....	1,525,000
Deficiency act.....	150,000		
Appropriations for 1906.....	1,456,520	Estimates for 1907.....	1,729,000
Deficiency act.....	63,000		
Appropriations for 1907.....	1,862,200	Estimates for 1908.....	942,200
Appropriations for 1908.....	947,200	Estimates for 1909.....	997,200
Appropriations for 1909.....	957,200	Estimates for 1910.....	1,043,760
Deficiency act.....	300,000		
Appropriations for 1910.....	1,263,760	Estimates for 1911.....	1,234,540
Appropriations for 1911.....	1,234,540	Estimates for 1912.....	1,288,180
Appropriations for 1912.....	1,257,300	Estimates for 1913.....	1,229,666
Appropriations for 1913.....	1,217,866	Estimates for 1914.....	1,366,546

¹ "Meat inspection" segregated and subsequently carried as a permanent appropriation.

NOTE. 1.—There is an apparent increase in the above appropriation of \$148,680, but adding the saving of salaries of three clerks at \$1,000 each, one clerk at \$720, and one clerk at \$700 transferred to the statutory roll, the actual increase is \$153,100, as follows:

A net increase of \$54,000 is submitted for inspection and quarantine, but adding the saving in salary of one clerk at \$1,000 transferred from this fund to the statutory roll, the actual increase is \$55,000. With part of this sum it is proposed that the salaries of a number of veterinary inspectors in charge shall be increased, with corresponding increases in the lower grades. As explained under the head of Meat Inspection, it has been found impossible to retain in the Government employ experienced and capable employees without recognizing their services by reasonable promotions. Without such employees the work suffers during the period that employees at the entrance salaries are becoming adapted to their work. The larger part of the proposed increase, however, is submitted in order that the important work of the eradication of tuberculosis among domestic animals may be extended, especially by tuberculin testing and by the establishment of pure-bred herds free from tuberculosis. Three thousand dollars of this sum is required for the construction of a suitable house at the United States Animal Quarantine Station for the port of Boston, at Littleton, Mass., for the dwelling of the superintendent. The department recently purchased a tract of 31 acres for this purpose and equipped it with suitable barns. It has been found essential for the efficient administration of the station that the superintendent live on the ground.

The additional provision of law submitted under this head is considered necessary in order that the department may have continuous jurisdiction over shipments of live stock from quarantined areas to destination when the live stock passes over several different railroads en route. As the result of certain decisions of the courts in recent cases, the Secretary of Agriculture is without power to control the treatment, handling, method, and manner of shipment, etc., of cattle and other live stock in the course of interstate transportation by rail after such shipments have been moved from quarantined States and have been received by connecting carriers in States which are not quarantined.

United States v. El Paso & Northeastern R. R. Co., 178 Fed., 846.

United States v. Chicago, Burlington & Quincy R. Co., 181 Fed., 882.

St. Louis Merchants Bridge Terminal Ry. Co. v. United States, 188 Fed., 191.

United States v. Baltimore & Ohio Southwestern R. Co., 222 United States, 8.

The effect of the act, as construed by these decisions, is to restrict its provisions relating to the movement of live stock by rail to those carriers which transport such shipments out of the quarantined State, and to exempt subsequent connecting carriers from the provisions of the act and regulations made thereunder. The inadequacy of the statute in its present form to accomplish its ultimate object and purpose—the suppression and prevention of the spread of contagions, etc., diseases of live stock—is apparent.

An increase of \$50,000 is submitted for eradicating cattle ticks. This increase is submitted in order that the work may be expedited and the territory of tick-infested States more rapidly cleaned up. As the work progresses those counties of the various Southern States desirous of eradicating ticks within their boundaries are increasing in number and it is considered highly important that the department be able to cooperate with such counties to the fullest extent.

A net increase of \$22,100 is submitted under Dairy Industry, but adding the saving in salary of 1 clerk at \$1,000 transferred from this fund to the statutory roll, the actual increase is \$23,100. The additional sum asked for is desired for use in extending the research work now under way on various dairy problems and in inaugurating some new work of this character. Ice cream and evaporated and condensed milk offer a very extensive field for valuable research work and one that is practically untouched. Educational work among the farmers can also be increased to great advantage, particularly in the Rocky Mountain and Pacific Coast States.

An increase of \$25,000 is submitted and additional authority of law is asked for the purpose of preventing introduction into the United States of dangerous or worthless products, some of which products may be the means of introducing diseases not now known in the United States; also for the purpose of controlling the use by preventing the interstate shipment of similar dangerous or worthless products that may be manufactured within the United States.

Apparent decrease under administrative expenses is \$2,420, but taking into consideration the salaries of 1 clerk at \$1,000, 1 clerk at \$720, and 1 clerk at \$700, transferred to the statutory roll, there is no change in the amount of the appropriation.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Animal Industry—Continued.</i>		
<p>And hereafter the Secretary of Agriculture is authorized to sell in the open market or to exchange for other breeding animals or animal products to the best advantage, without the usual condemnation proceedings and public auction, such animals or animal products produced or purchased under the appropriations made by Congress for the use of the Bureau of Animal Industry as may not be needed in the work of that bureau: <i>Provided</i>, That all moneys received from the sale of such animals or animal products, or as a bonus in the exchange of the same, shall be deposited in the Treasury as miscellaneous receipts.</p>		
NOTE 2.—The above provision has been omitted, as it is permanent legislation.		
<p>And hereafter the Secretary of Agriculture is authorized to prepare and sell at cost such pathological and zoological specimens as he may deem of scientific or educational value to scientists or others engaged in the work of hygiene and sanitation: <i>Provided</i>, That all moneys received from the sale of such specimens shall be deposited in the Treasury as miscellaneous receipts.</p>		
NOTE 3.—This is a new provision of law and has been added to authorize the Secretary of Agriculture to prepare and sell at cost such pathological and zoological specimens as he may deem of scientific or educational value to scientists or others engaged in the work of hygiene and sanitation.		
NOTE 4.—Salaries of scientific assistants, veterinary inspectors, experts, special agents, stock examiners, etc., carried on the lump funds named below on Aug. 1, 1912:		
GENERAL EXPENSES, BUREAU OF ANIMAL INDUSTRY.		
INSPECTION AND QUARANTINE.		
In Washington:		
1 associate chief of inspection division..... \$2,750 2 veterinary inspectors, at \$2,000 each..... 4,000 2 veterinary inspectors, at \$1,800 each..... 3,600 3 veterinary inspectors, at \$1,600 each..... 4,800 1 veterinary inspector..... 1,400 1 skilled laborer..... 1,000 1 skilled laborer..... 900		
Total.....	18,450	
DAIRY INDUSTRY.		
1 senior dairyman..... 2,100 2 dairymen, at \$2,000 each..... 4,000 2 dairymen, at \$1,980 each..... 3,960 5 dairymen, at \$1,800 each..... 9,000 4 dairymen, at \$1,620 each..... 6,480 1 dairyman..... 1,500 1 expert..... 2,000 1 dairy engineer..... 1,620 1 assistant in dairying..... 1,620 1 clerk..... 1,000 2 junior dairymen, at \$1,440 each..... 2,880 1 junior dairyman..... 1,400 3 junior dairymen, at \$1,200 each..... 3,600 1 laborer..... 600 1 assistant in dairy bacteriology..... 600 1 laboratory helper..... 600		
Total.....	42,960	
ANIMAL HUSBANDRY.		
1 senior animal husbandman..... 2,040 2 senior animal husbandmen, at \$2,000 each..... 4,000 1 animal husbandman..... 1,800 2 clerks, at \$900 each..... 1,800 4 junior animal husbandmen, at \$1,350 each..... 5,520 1 junior animal husbandman..... 1,440		
Total.....	16,600	
DISEASES OF ANIMALS.		
1 superintendent of experiment station..... \$3,750 1 veterinary inspector..... 2,250 1 veterinary inspector..... 2,000 1 veterinary inspector..... 1,800 2 veterinary inspectors, at \$1,600 each..... 3,200 1 senior bacteriologist..... 2,220 1 assistant in zoology..... 2,000 1 scientific assistant..... 1,440 2 assistants in zoology, at \$1,800 each..... 3,600 1 assistant in zoology..... 1,600 1 junior zoologist..... 1,400 1 assistant microscopist..... 840 1 plumber..... 720 5 unskilled laborers, at \$480 each..... 2,400 1 clerk..... 1,500 1 collaborator..... 1		
Total.....	30,221	
ADMINISTRATIVE EXPENSES.		
1 chief, Biochemic Division..... 4,000 1 chief, Pathological Division..... 4,000 1 chief, Dairy Division..... 3,500 1 chief, Inspection Division..... 3,500 1 assistant chief of bureau..... 3,000		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
General Expenses, Bureau of Animal Industry—Continued.		
ADMINISTRATIVE EXPENSES—continued.		
In Washington—Continued.		
1 chief, Quarantine Division.....	\$3,000	
1 chief, Animal Husbandry Division.....	3,000	
1 senior biochemist.....	2,750	
1 chief, Zoological Division.....	2,750	
1 senior bacteriologist.....	2,750	
1 expert in stock investigations.....	1,800	
1 cataloguer.....	900	
2 clerks, at \$900 each.....	1,800	
1 charwoman, at \$50 per month.....	600	
1 student assistant, at \$25 per month.....	300	
Total.....	37,650	
INSPECTION AND QUARANTINE.		
Out of Washington:		
3 veterinary inspectors, at \$2,250 each.....	6,750	
6 veterinary inspectors, at \$2,000 each.....	12,000	
44 veterinary inspectors, at \$1,800 each.....	79,200	
60 veterinary inspectors, at \$1,600 each.....	96,000	
1 veterinary inspector.....	1,500	
56 veterinary inspectors, at \$1,400 each.....	78,400	
1 veterinary inspector, at \$8 per diem (when actually employed).....	800	
1 veterinary inspector, at \$3 per diem (when actually employed).....	300	
1 inspector's assistant.....	1,000	
3 inspector's assistants, at \$900 each.....	2,700	
6 inspector's assistants, at \$840 each.....	5,040	
3 field stock examiners, at \$1,200 each.....	3,600	
1 field stock examiner.....	1,000	
14 stock examiners, at \$1,200 each.....	16,800	
1 stock examiner.....	1,140	
4 stock examiners, at \$1,000 each.....	4,000	
1 special agent.....	1,400	
1 special agent.....	1,200	
1 agent in scabies eradication.....	1,200	
27 agents in scabies eradication, at \$1,000 each.....	27,000	
1 agent in scabies eradication.....	960	
2 agents in scabies eradication, at \$840 each.....	1,680	
4 agents in scabies eradication, at \$720 each.....	2,880	
1 agent.....	900	
1 live-stock inspector.....	2,000	
1 live-stock inspector.....	1,600	
2 live-stock inspectors, at \$1,200 each.....	2,400	
1 clerk.....	1,000	
1 expert in animal diseases, at \$6 per diem (when actually employed).....	24	
1 painter.....	600	
2 unskilled laborers, at \$50 per month each (temporary).....	745	
Total.....	355,819	
ERADICATING CATTLE TICKS.		
4 veterinary inspectors, at \$2,250 each.....	9,000	
2 veterinary inspectors, at \$2,000 each.....	4,000	
12 veterinary inspectors, at \$1,800 each.....	21,600	
31 veterinary inspectors, at \$1,600 each.....	49,600	
20 veterinary inspectors, at \$1,400 each.....	28,000	
2 agents in tick eradication, at \$1,800 each.....	3,600	
1 agent in tick eradication.....	1,500	
2 agents in tick eradication, at \$1,200 each.....	2,400	
8 agents in tick eradication, at \$1,000 each.....	8,000	
7 agents in tick eradication, at \$960 each.....	6,720	
7 agents in tick eradication, at \$900 each.....	6,300	
25 agents in tick eradication, at \$840 each.....	21,000	
2 agents in tick eradication, at \$720 each.....	1,440	
Total.....	163,160	
DAIRY INDUSTRY.		
1 dairyman.....	1,980	
1 dairyman.....	1,800	
8 dairymen, at \$1,620 each.....	12,960	
4 dairymen, at \$1,500 each.....	6,000	
1 dairyman.....	1,000	
1 assistant dairyman.....	1,800	
2 unskilled laborers, at \$600 each.....	1,200	
8 unskilled laborers, at \$480 each.....	3,840	
2 collaborators, at \$300 each.....	600	
1 collaborator, at \$25 per month.....	300	
1 collaborator, at \$1 per month.....	12	
2 collaborators, at \$5 per diem each (temporary).....	105	
1 cow tester, at \$50 per month (temporary).....	80	
1 underdairyman.....	1,020	
1 underdairyman.....	900	
1 assistant in dairying.....	1,020	
3 junior dairymen, at \$1,440 each.....	4,320	
1 junior dairyman.....	1,320	
6 junior dairymen, at \$1,200 each.....	7,200	
1 junior dairyman.....	1,140	
1 scientific assistant in dairying.....	1,200	
1 assistant in dairy bacteriology.....	1,200	
2 scientific assistants, at \$1,200 each.....	2,400	
1 expert in dairying.....	1,380	
1 agent in creamery management.....	1,620	
1 dairy inspector.....	1,800	
1 senior dairyman.....	2,220	
1 senior dairyman.....	1,980	
1 carpenter.....	1,095	
Total.....	63,492	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
General Expenses, Bureau of Animal Industry—Continued.		
ANIMAL HUSBANDRY.		
Out of Washington—Continued.		
1 animal husbandman.....	\$1,560	
1 animal husbandman.....	1,380	
1 clerk.....	900	
10 unskilled laborers, at \$480 each.....	4,800	
9 unskilled laborers, at \$1.50 per diem each (when actually employed).....	4,225	
1 painter.....	1,095	
Total.....	13,960	
DISEASES OF ANIMALS.		
1 agent, at \$75 per month (temporary).....	321	
2 veterinary inspectors, at \$2,250 each.....	4,500	
1 assistant in bacteriology.....	2,000	
1 expert in milk hygiene.....	1,380	
1 agent in animal disease investigations.....	480	
1 expert on contagious diseases of sheep (temporary).....	200	
Total.....	8,881	
ADMINISTRATIVE EXPENSES.		
1 superintendent of construction.....	1,800	
CONSTRUCTION OF BUILDINGS AT BETHESDA AND BELTSVILLE.		
1 carpenter.....	600	
2 carpenters, at \$3.50 per diem each (when actually employed).....	2,191	
Total.....	2,791	
NOTE 5.—In accordance with the provisions of section 6 of the sundry civil act approved Aug. 24, 1912 (Public, 302), the following matter relative to the foregoing appropriation is submitted:		
(1914: \$1,366,546.)	GENERAL EXPENSES, BUREAU OF ANIMAL INDUSTRY.	(1912: \$1,257,300.)
Inspection and quarantine, 1914, \$654,000.	Inspection and quarantine, 1912, \$598,700.	
	(Original subappropriation of \$592,700 increased by transfer of \$6,000 from other subappropriations.)	
ESTIMATED.		
Salaries.....	\$429,970.00	
As follows:		
8 veterinary inspectors, at \$2,500 each.		
7 veterinary inspectors, at \$2,250 each.		
12 veterinary inspectors, at \$2,000 each.		
47 veterinary inspectors, at \$1,800 each.		
63 veterinary inspectors, at \$1,600 each.		
1 veterinary inspector, at \$1,500.		
65 veterinary inspectors, at \$1,400 each.		
1 skilled laborer, at \$1,000.		
1 skilled laborer, at \$900.		
1 inspector's assistant, at \$1,000.		
3 inspector's assistants, at \$900 each.		
6 inspector's assistants, at \$840 each.		
5 field stock examiners, at \$1,200 each.		
1 field stock examiner, at \$1,000.		
15 stock examiners, at \$1,200 each.		
1 stock examiner, at \$1,140.		
5 stock examiners, at \$1,000 each.		
1 veterinary inspector, at \$8 per diem.		
1 veterinary inspector, at \$5 per diem.		
2 veterinary inspectors, at \$6 per diem each.		
1 special agent, at \$1,400.		
1 special agent, at \$1,200.		
1 agent in scabies eradication, at \$1,200.		
31 agents in scabies eradication, at \$1,000 each.		
1 agent in scabies eradication, at \$960.		
2 agents in scabies eradication, at \$900 each.		
2 agents in scabies eradication, at \$840 each.		
5 agents in scabies eradication, at \$720 each.		
1 live stock inspector, at \$2,000.		
1 live stock inspector, at \$1,600.		
2 live stock inspectors, at \$1,200 each.		
Traveling expenses.....	\$210,000.00	
Supplies and equipment.....	5,000.00	
Miscellaneous expenses.....	9,030.00	
Total estimate, 1914.....	654,000.00	
Total appropriation, 1913.....	600,000.00	
Increase.....	54,000.00	
EXPENDED.		
Salaries.....	\$392,988.41	
As follows:		
1 associate chief inspection division, at \$2,750.		
3 veterinary inspectors, at \$2,250 each.		
9 veterinary inspectors, at \$2,000 each.		
47 veterinary inspectors, at \$1,800 each.		
63 veterinary inspectors, at \$1,600 each.		
1 veterinary inspector, at \$1,500.		
59 veterinary inspectors, at \$1,400 each.		
1 skilled laborer, at \$1,000.		
1 skilled laborer, at \$900.		
1 veterinary inspector, at \$8 per diem.		
1 veterinary inspector, at \$5 per diem.		
1 veterinary inspector, at \$3 per diem.		
1 inspector's assistant, at \$1,000.		
3 inspector's assistants, at \$900 each.		
6 inspector's assistants, at \$840 each.		
5 field stock examiners, at \$1,200 each.		
1 field stock examiner, at \$1,000.		
15 stock examiners, at \$1,200 each.		
1 stock examiner, at \$1,140.		
5 stock examiners, at \$1,000 each.		
1 special agent, at \$1,400.		
1 special agent, at \$1,200.		
1 agent in scabies eradication, at \$1,200.		
31 agents in scabies eradication, at \$1,000 each.		
1 agent in scabies eradication, at \$960.		
2 agents in scabies eradication, at \$900 each.		
2 agents in scabies eradication, at \$840 each.		
5 agents in scabies eradication, at \$720 each.		
1 agent, at \$900.		
1 live stock inspector, at \$2,000.		
1 live stock inspector, at \$1,600.		
2 live stock inspectors, at \$1,200 each.		
1 clerk, at \$1,000.		
1 clerk, at \$900.		
1 expert in animal diseases, at \$6 per diem.		
2 unskilled laborers, at \$50 per month each.		
Traveling expenses.....	\$186,533.55	
Supplies and equipment.....	4,438.25	
Rent.....	3,698.41	
Miscellaneous expenses.....	7,344.11	
Total expenditures, 1912.....	595,002.73	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Animal Industry—Continued.</i>			
Activities:			
Control and eradication of contagious animal diseases.....	\$586,500.00		
Animal quarantine stations.....	20,000.00		
Canadian border inspection.....	30,000.00		
Mexican border inspection.....	16,000.00		
Hawaiian and Porto Rican inspection	1,500.00		
Activities:			
Control and eradication of contagious animal diseases.....	\$540,045.00		
Animal quarantine stations.....	13,397.82		
Canadian border inspection.....	26,652.36		
Mexican border inspection.....	13,598.42		
Hawaiian and Porto Rican inspection	1,329.13		
General expenses, Bureau of Animal Industry, 1911-12, \$65,000.			
(No appropriation for 1913 and no estimate for 1914.)	Purchase of lands for animal quarantine stations, \$65,000.		
	EXPENDED.		
	Salaries.....	\$7,071.57	
	As follows:		
	1 superintendent of construction, at \$1,800.		
	1 skilled laborer, at \$720.		
	1 skilled laborer, at \$3 per diem.		
	2 plasterers, at \$5 per diem each.		
	2 lathers, at \$4 per diem each.		
	2 carpenters, at \$3.20 per diem each.		
	1 electrician, at \$3 per diem.		
	1 painter, at \$2.50 per diem.		
	10 unskilled laborers, at \$2 per diem each.		
	32 unskilled laborers, at \$1.50 per diem each.		
	1 watchman, at \$1.50 per diem.		
	Traveling expenses.....	719.11	
	Supplies and equipment.....	8,844.73	
	Purchase of land, Turners, Md.....	13,775.00	
	Purchase of land, Littleton, Mass.....	4,000.00	
	Miscellaneous expenses.....	30,576.10	
	Total expenditures, 1912.....	64,986.51	
	Activities:		
	Purchase of land at Turners, Md.....	13,775.00	
	Purchase of land at Littleton, Mass..	4,000.00	
	Erection of buildings, fences, wharves, and other appurtenances, Turners, Md.....	40,111.30	
	Erection of buildings, fences, and other appurtenances and repairs to existing structures, Littleton, Mass.	7,100.21	
Eradicating cattle ticks, 1914, \$300,000.	Eradicating cattle ticks, 1912, \$244,000.		
	(Original subappropriation of \$250,000 decreased by transfer of \$6,000 to other subappropriations.)		
	ESTIMATED.		
Salaries.....	\$207,430.00		
As follows:			
3 veterinary inspectors, at \$2,500 each.			
9 veterinary inspectors, at \$2,250 each.			
15 veterinary inspectors, at \$1,800 each.			
35 veterinary inspectors, at \$1,600 each.			
20 veterinary inspectors, at \$1,400 each.			
2 agents, at \$1,800 each.			
1 agent, at \$1,500.			
2 agents, at \$1,200 each.			
10 agents, at \$1,000 each.			
13 agents, at \$960 each.			
15 agents, at \$900 each.			
30 agents, at \$840 each.			
2 agents, at \$720 each.			
Traveling expenses.....	85,000.00		
Supplies and equipment.....	5,000.00		
Miscellaneous expenses.....	2,570.00		
Total estimate, 1914.....	300,000.00		
Total appropriation, 1913.....	250,000.00		
Increase.....	50,000.00		
Activities:			
Eradication of Texas fever cattle ticks	300,000.00		
Dairy industry, 1914, \$200,000.			
	EXPENDED.		
Salaries.....	\$164,120.75		
As follows:			
6 veterinary inspectors, at \$2,250 each.			
2 veterinary inspectors, at \$2,000 each.			
12 veterinary inspectors, at \$1,800 each.			
32 veterinary inspectors, at \$1,600 each.			
19 veterinary inspectors, at \$1,400 each.			
2 agents in tick eradication, at \$1,800 each.			
1 agent in tick eradication, at \$1,500.			
2 agents in tick eradication, at \$1,200 each.			
9 agents in tick eradication, at \$1,000 each.			
13 agents in tick eradication, at \$960 each.			
10 agents in tick eradication, at \$900 each.			
29 agents in tick eradication, at \$840 each.			
2 agents in tick eradication, at \$720 each.			
Traveling expenses.....	71,032.12		
Supplies and equipment.....	5,161.42		
Rent.....	808.50		
Miscellaneous expenses.....	2,277.21		
Total expenditures, 1912.....	243,400.00		
Activities:			
Eradication of Texas fever cattle ticks	243,400.00		
Dairy industry, 1912, \$148,675.			
	(Original subappropriation of \$150,000 decreased by transfer of \$1,325 to other subappropriations.)		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Animal Industry—Continued.</i>			
ESTIMATED.		EXPENDED.	
Salaries.....	\$116,270.00	Salaries.....	\$90,912.36
As follows:		As follows:	
1 senior dairyman, at \$2,500.		1 senior dairyman, at \$2,220.	
1 senior dairyman, at \$2,400.		1 senior dairyman, at \$2,100.	
1 senior dairyman, at \$2,220.		1 senior dairyman, at \$1,980.	
1 dairyman, at \$2,000.		2 dairymen, at \$2,000 each.	
1 expert, at \$2,000.		2 dairymen, at \$1,980 each.	
5 senior dairymen, at \$1,980 each.		7 dairymen, at \$1,800 each.	
9 dairymen, at \$1,800 each.		9 dairymen, at \$1,620 each.	
13 dairymen, at \$1,620 each.		5 dairymen, at \$1,500 each.	
1 assistant in dairying, at \$1,620.		1 expert, at \$2,000.	
1 dairy engineer, at \$1,620.		1 dairy engineer, at \$1,620.	
1 agent in creamery management, at \$1,620.		1 assistant in dairying, at \$1,620.	
4 dairymen, at \$1,500 each.		1 assistant in dairying, at \$1,020.	
7 junior dairymen, at \$1,440 each.		1 clerk, at \$1,000.	
1 assistant chemist, at \$1,440.		5 junior dairymen, at \$1,440 each.	
2 junior dairymen, at \$1,400 each.		1 junior dairyman, at \$1,400.	
1 expert in dairying, at \$1,380.		1 junior dairyman, at \$1,320.	
1 junior dairyman, at \$1,320.		9 junior dairymen, at \$1,200 each.	
4 junior dairymen, at \$1,200 each.		1 junior dairyman, at \$1,140.	
1 agent in dairying, at \$1,200.		1 laborer, at \$600.	
1 assistant in dairying, at \$1,200.		1 laboratory helper, at \$600.	
1 assistant in dairy bacteriology, at \$1,200.		1 dairyman, at \$1,000.	
6 scientific assistants in dairying, at \$1,200 each.		1 assistant dairyman, at \$1,800.	
1 junior dairyman, at \$1,140.		1 unskilled laborer, at \$600.	
2 under dairymen, at \$1,080 each.		3 unskilled laborers, at \$480 each.	
1 under dairyman, at \$1,020.		2 unskilled laborers, at \$1.50 per diem each.	
1 under dairyman, at \$1,000.		2 collaborators, at \$300 each.	
1 dairyman, at \$1,000.		1 collaborator, at \$25 per month.	
1 under dairyman, at \$900.		1 collaborator, at \$1 per month.	
1 unskilled laborer, at \$720.		2 collaborators, at \$5 per diem each.	
1 cow tester, at \$600.		1 cow tester, at \$50 per month.	
9 unskilled laborers, at \$480 each.		1 under dairyman, at \$1,020.	
4 collaborators, at \$300 each.		1 under dairyman, at \$900.	
1 herdsman, at \$450.		1 scientific assistant, at \$1,200.	
		1 assistant in dairy bacteriology, at \$1,200.	
		2 scientific assistants, at \$1,200 each.	
		1 expert in dairy, at \$1,380.	
		1 agent in creamery, at \$1,620.	
		1 dairy inspector, at \$1,800.	
		1 carpenter, at \$3.50 per day.	
Traveling expenses.....	48,000.00	Traveling expenses.....	31,399.14
Supplies and equipment.....	30,000.00	Supplies and equipment.....	9,956.16
Miscellaneous expenses.....	5,730.00	Rent.....	1,055.00
		Miscellaneous expenses.....	11,306.63
Total estimate, 1914.....	200,000.00	Total expenditures, 1912.....	144,629.29
Total appropriation, 1913.....	177,900.00		
Increase.....	22,100.00		
Activities:		Activities:	
Dairy farming investigations.....	47,000.00	Dairy farming investigations.....	41,662.01
Dairy manufacturing investigations.....	41,000.00	Dairy manufacturing investigations.....	37,534.92
Research laboratories, dairy.....	50,000.00	Dairy products investigations.....	44,142.75
Market milk investigations.....	12,000.00	Market milk investigations.....	7,402.26
Beltsville farm.....	15,000.00	Beltsville farm.....	8,990.67
Western dairy investigations.....	35,000.00	Brownsville experiment.....	4,896.68
Animal Husbandry, 1914, \$52,180.		Animal Husbandry, 1912, \$46,155.	
		(Original subappropriation of \$47,480 decreased by transfer of \$1,325 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$32,230.00	Salaries.....	\$20,815.04
As follows:		As follows:	
1 senior animal husbandman, at \$2,250.		1 senior animal husbandman, at \$2,040.	
1 senior animal husbandman, at \$2,040.		2 senior animal husbandmen, at \$2,000 each.	
2 senior animal husbandmen, at \$2,000 each.		1 animal husbandman, at \$1,800.	
1 animal husbandman, at \$1,800.		1 animal husbandman, at \$1,740.	
1 animal husbandman, at \$1,740.		2 animal husbandmen, at \$1,560 each.	
2 animal husbandmen, at \$1,560 each.		5 junior animal husbandmen, at \$1,380 each.	
6 junior animal husbandmen, at \$1,380 each.		1 junior animal husbandman, at \$1,440.	
1 junior animal husbandman, at \$1,440.		1 clerk, at \$1,000.	
1 expert in stock investigation, at \$1,800.		3 clerks, at \$900 each.	
12 laborers, at \$480 each.		1 unskilled laborer, at \$540.	
		8 unskilled laborers, at \$480 each.	
		10 unskilled laborers, at \$1.50 per diem each.	
		1 painter, at \$3.50 per diem.	
Traveling expenses.....	7,500.00	Traveling expenses.....	7,651.99
Supplies and equipment.....	5,000.00	Supplies and equipment.....	9,109.77
Miscellaneous expenses.....	7,450.00	Miscellaneous expenses.....	7,032.77
Total estimate, 1914.....	52,180.00	Total expenditures, 1912.....	41,609.57
Total appropriation, 1913.....	52,180.00		

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
General Expenses, Bureau of Animal Industry—Continued.		
Activities: Certification of imported animals..... \$7,500.00 Animal breeding investigations..... 5,000.00 Hog and cattle investigations..... 1,500.00 Poultry investigations..... 15,000.00 Sheep and goat investigations..... 5,000.00 Animal nutrition investigations..... 2,000.00 Horse investigations..... 6,180.00 Beltsville farm..... 10,000.00 Diseases of animals, 1914, \$78,680.	Activities: Certification of imported animals..... \$6,958.96 Animal breeding investigations..... 4,108.80 Hog and cattle investigations..... 306.66 Poultry investigations..... 11,081.90 Sheep and goat investigations..... 5,109.21 Animal nutrition investigations..... 922.51 Horse investigations..... 1,471.15 Beltsville farm..... 14,650.38 Diseases of animals, 1912, \$78,680.	
ESTIMATED.	EXPENDED.	
Salaries..... \$33,730.00 As follows: 1 superintendent of experiment station, at \$3,250. 2 veterinary inspectors, at \$2,250 each. 1 veterinary inspector, at \$2,000. 2 veterinary inspectors, at \$1,600 each. 1 senior bacteriologist, at \$2,250. 1 assistant in bacteriology, at \$2,250. 1 assistant in zoology, at \$2,000. 1 scientific assistant, at \$1,440. 1 expert in milk hygiene, at \$1,380. 2 assistants in zoology, at \$1,800 each. 1 assistant in zoology, at \$1,600. 1 junior zoologist, at \$1,400. 1 assistant microscopist, at \$840. 5 unskilled laborers, at \$480 each. 1 agent, at \$75 per month. Traveling expenses..... 5,000.00 Supplies and equipment..... 28,950.00 Miscellaneous expenses..... 11,000.00 Total estimate, 1914..... 78,680.00 Total appropriation, 1913..... 78,680.00 Activities: Hog-cholera investigations..... 11,000.00 Tuberculin and mallein laboratory... 2,500.00 Investigations in animal pathology... 18,180.00 Zoological investigations..... 12,000.00 Bethesda experiment station..... 35,000.00 Regulating biological products, 1914, \$25,000.	Salaries..... \$33,436.26 As follows: 1 superintendent of experiment station, at \$3,250. 1 veterinary inspector, at \$2,250. 1 veterinary inspector, at \$2,000. 1 veterinary inspector, at \$1,800. 2 veterinary inspectors, at \$1,600 each. 1 senior bacteriologist, at \$2,220. 1 assistant in bacteriology, at \$2,000. 1 assistant in zoology, at \$2,000. 1 scientific assistant, at \$1,440. 1 expert in milk hygiene, at \$1,380. 2 assistants in zoology, at \$1,800 each. 1 assistant in zoology, at \$1,600. 1 junior zoologist, at \$1,400. 1 assistant microscopist, at \$840. 1 plumber, at \$720. 1 agent in animal-disease inspection, at \$480. 1 expert on contagious diseases of sheep, at \$200. 5 unskilled laborers, at \$480 each. 1 clerk, at \$1,500. 1 collaborator, at \$1. 1 agent, at \$75 per month. Traveling expenses..... 3,768.66 Supplies and equipment..... 25,380.21 Rent..... 657.93 Miscellaneous expenses..... 9,781.55 Total expenditures, 1912..... 73,024.61 Activities: Hog-cholera investigations..... 11,159.60 Tuberculin and mallein laboratory... 2,303.55 Investigations in animal pathology... 16,624.12 Zoological investigations..... 10,245.77 Bethesda experiment station..... 32,691.57 (No appropriation for 1912.)	
ESTIMATED.		
Salaries..... \$6,300.00 As follows: 2 bacteriologists, at \$2,220 each. 1 laboratory assistant, at \$900. 2 laborers, at \$480 each. Traveling expenses..... 2,000.00 Supplies and equipment..... 2,500.00 Miscellaneous expenses (including experimental animals and feed)..... 14,200.00 Total estimate, 1914..... 25,000.00 (No appropriation for 1913.) Activities: Regulation of the traffic in tuberculin, mallein, and hog-cholera serum... 10,000.00 Regulation of the traffic in other biological products..... 15,000.00 (No appropriation for 1913 and no estimate for 1914, this appropriation having been amalgamated with the subheads "Dairy industry" and "Animal husbandry.")	Experimental farm at Beltsville, 1912, \$11,000. (Original subappropriation of \$10,000 increased by transfer of \$1,000 from other subappropriations.) EXPENDED. Salaries..... \$7,568.33 As follows: 1 animal husbandman, at \$1,380. 15 unskilled laborers, at \$480 each. 1 dairyman, at \$1,500. 1 unskilled laborer, at \$1.50 per diem. Traveling expenses..... 24.98 Supplies and equipment..... 2,072.94 Miscellaneous expenses..... 1,254.64 Total expenditures, 1912..... 10,920.89 Activities: Maintenance of Beltsville farm..... 10,920.89 Construction of buildings at Bethesda and Beltsville, 1914, \$16,500.	Construction of buildings at Bethesda and Beltsville, 1912, \$18,150.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.			Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Animal Industry—Continued.</i>				
(Original subappropriation of \$16,500 increased by transfer of \$1,650 from other subappropriations.)				
ESTIMATED.		EXPENDED.		
Salaries.....	\$8,650.00	Salaries.....	\$9,055.70	
As follows:		As follows:		
1 carpenter, at \$600.		1 carpenter, at \$600.		
3 carpenters, at \$3.50 per diem each.		7 carpenters, at \$3.50 per diem each.		
10 laborers, at \$480 each.		1 carpenter, at \$3 per diem.		
		1 carpenter, at \$2.25 per diem.		
		1 lineman, at \$4.80 per diem.		
		1 painter, at \$3.50 per diem.		
		1 unskilled laborer, at \$600.		
		8 unskilled laborers, at \$480 each.		
		35 unskilled laborers, at \$1.50 per diem.		
		1 unskilled laborer, at \$1 per diem.		
Traveling expenses.....	\$50.00	Traveling expenses.....	25.00	
Supplies and equipment.....	7,500.00	Supplies and equipment.....	8,589.19	
Miscellaneous expenses.....	270.00	Miscellaneous expenses.....	320.46	
Total estimate, 1914.....	16,500.00	Total expenditures, 1912.....	17,990.35	
Total appropriation, 1913.....	16,500.00			
Activities:		Activities:		
Construction of buildings, Beltsville..	16,000.00	Construction of buildings, Beltsville..	17,990.35	
Construction of buildings, Bethesda..	500.00			
Administrative expenses, 1914, \$40,186.		Administrative expenses, 1912, \$46,940.		
ESTIMATED.		EXPENDED.		
Salaries.....	\$29,850.00	Salaries.....	\$36,424.85	
As follows:		As follows:		
1 chief, Biochemic Division, at \$4,000.		1 chief, Biochemic Division, at \$4,000.		
1 chief, Pathological Division, at \$4,000.		1 chief, Pathological Division, at \$4,000.		
1 chief, Meat Inspection Division, at \$3,500.		1 chief, Dairy Division, at \$3,500.		
1 chief, Dairy Division, at \$3,500.		1 chief, Inspection Division, at \$3,500.		
1 assistant chief of bureau, at \$3,000.		1 assistant chief of bureau, at \$3,000.		
1 chief, Animal Husbandry Division, at \$3,000.		1 chief, Quarantine Division, at \$3,000.		
1 chief, Field Inspection Division, at \$3,000.		1 chief, Animal Husbandry Division, at \$3,000.		
1 chief, Zoological Division, at \$2,750.		1 senior biochemist, at \$2,750.		
1 chief Quarantine Division, at \$3,000.		1 chief, Zoological Division, at \$2,750.		
		1 senior bacteriologist, at \$2,750.		
		1 expert in stock investigation, at \$1,800.		
		1 cataloguer, at \$900.		
		3 clerks, at \$900 each.		
		1 student assistant, at \$300.		
		1 laborer, at \$1.50 per diem.		
Traveling expenses.....	\$1,000.00	Traveling expenses.....	\$1,893.73	
Supplies and equipment.....	500.00	Supplies and equipment.....	2,276.53	
Rent (outside the District of Columbia)..	6,300.00	Rent.....	2,664.00	
Miscellaneous expenses.....	2,536.00	Miscellaneous expenses.....	2,909.51	
Total estimate, 1914.....	40,186.00	Total expenditures, 1912.....	46,168.62	
Total appropriation, 1913.....	42,006.00			
Decrease.....	2,420.00			
Activities:		Activities:		
General administration—		General administration—		
Chief's office.....	13,496.00	Chief's office.....	14,613.48	
Animal Husbandry Division.....	2,846.00	Animal Husbandry Division.....	3,235.60	
Biochemic Division.....	5,502.00	Biochemic Division.....	7,033.35	
Dairy Division.....	3,099.00	Dairy Division.....	3,591.50	
Field Inspection Division.....	2,110.00	Inspection Division.....	3,979.85	
Meat Inspection Division.....	2,110.00	Pathological Division.....	6,926.06	
Pathological Division.....	5,558.00	Quarantine Division.....	3,206.92	
Quarantine Division.....	2,694.00	Zoological Division.....	3,465.91	
Zoological Division.....	2,771.00	Bethesda Experiment Station...	115.95	
<i>Cooperative Experiments in Animal Feeding and Breeding—</i>				
For experiments in animal feeding and breeding, including cooperation with the State agricultural experiment stations, including the repairs and additions to and erection of buildings absolutely necessary to carry on the experiments, and the experiments in the breeding of horses for military purposes, including the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, and all other necessary expenses, one hundred thousand dollars (act Aug. 10, 1912, vol. 37, p. 274, sec. 1).....			\$100,000.00	\$100,000.00
Appropriations for 1910.....	¹ \$50,000	Estimates for 1910.....	\$50,000	
Appropriations for 1911.....	50,000	Estimates for 1911.....	50,000	
Appropriations for 1912.....	50,000	Estimates for 1912.....	50,000	
Appropriations for 1913.....	100,000	Estimates for 1913.....	55,000	
		Estimates for 1914.....	100,000	
¹ Included in "General expenses, Bureau of Animal Industry," prior to 1910 under the head of "Cooperative experiments in animal feeding and breeding."				

NOTE 1.—There is no change in the amount of the above appropriation.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>Cooperative Experiments in Animal Feeding and Breeding—Continued.</i>		
NOTE 2.—Salaries of experts, scientific assistants, mechanics, etc., carried on the lump fund named below on Aug. 1, 1912:		
COOPERATIVE EXPERIMENTS IN ANIMAL FEEDING AND BREEDING.		
Out of Washington:		
1 animal husbandman \$1,620.00 1 agent in animal husbandry 1,000.00 1 agent in animal husbandry 800.00 1 under animal husbandman 1,020.00 1 expert in animal nutrition 1,000.00 2 assistant experts in animal nutrition, at \$1,000 each 2,000.00 1 expert groom 1,200.00 1 expert trainer 550.00 1 expert in poultry breeding 600.00 1 expert superintendent 1,400.00 1 collaborator 100.00 1 expert 300.00 1 agent in animal nutrition 500.00 1 expert supervisor 300.00 1 unskilled laborer 600.00 4 unskilled laborers, at \$540 each 2,160.00 1 unskilled laborer 300.00 2 expert animal husbandmen, at \$9 per diem each (when actually employed) 207.00		
Total 15,717.00		
<i>Meat Inspection, Bureau of Animal Industry—</i>		
<i>For additional expense in extending the inspection of cattle, sheep, swine, goat, and reindeer, and meat and meat-food products thereof which enter into interstate and foreign commerce, and carrying into effect the act of June thirtieth, nineteen hundred and six (Thirty-four Statutes, six hundred and seventy-four), relating to the inspection, in the city of Washington and elsewhere, including the purchase of chemicals, supplies, repair to apparatus, gas, electric current, official traveling expense, telegraph and telephone service, freight and express charge, employment of a stenographer, clerk, and other persons as may be considered necessary, and all other expense, there shall be, and hereby is, annually appropriated out of any money in the Treasury not otherwise appropriated, the additional sum of three hundred thousand and dollar, and paragraph twenty-two (Thirty-four Statute, six hundred and seventy-nine) of the aforesaid act is amended accordingly.</i>	\$300,000.00	
NOTE 1.—This is a new item and an increase of \$300,000. It has been demonstrated that increased funds to the amount of the increase asked for are needed to efficiently carry on this work, not only because the work is expanding, but chiefly because with the sum now provided proper increases in salary can not be given to experienced employees. The total number of employees is about 2,400. The average salary is low. It is impossible to properly conduct the inspection without retaining in the service such experienced and valuable employees. Unless promotions are made many of these employees will leave the service and their places necessarily will be filled by others inexperienced and more or less inefficient. Inspection is provided for reindeer and meat and meat-food products thereof at the request of the Department of the Interior to cover exportation of reindeer from Nome, Alaska, to Seattle, Wash.		
NOTE 2.—Salaries of veterinary inspectors, scientific assistants, laboratory inspectors, meat inspectors, stock examiners, clerks, laborers, etc., carried on the permanent lump-fund appropriation named below on Aug. 1, 1912:		
MEAT INSPECTION, BUREAU OF ANIMAL INDUSTRY.		
In Washington:		
1 special agent \$2,750 1 senior biochemist 2,500 1 senior bacteriologist 2,500 1 senior bacteriologist 2,220 1 senior laboratory inspector 2,500 2 junior laboratory inspectors, at \$1,500 each 3,000 1 junior laboratory inspector 1,440 1 junior laboratory inspector 1,200 1 veterinary inspector 2,250 1 veterinary inspector 1,860 1 veterinary inspector 1,800 1 veterinary inspector 1,600 1 veterinary inspector 1,400 1 assistant in pathology and bacteriology 2,000 1 assistant bacteriologist 1,890 1 assistant bacteriologist 1,620 1 assistant biochemist 1,800 1 assistant in biochemistry 1,800 1 physiologist 1,500 1 assistant in bacteriology 1,200 1 assistant chemist 1,200 1 laboratory assistant 1,200 2 under laboratory inspectors, at \$1,200 each 2,400 1 under laboratory inspector 1,080 1 meat inspector 1,200 1 clerk 1,000 1 laboratory helper 480		
Total 47,480		
Out of Washington:		
1 veterinary inspector 3,500 1 veterinary inspector 3,300 2 veterinary inspectors, at \$2,750 each 5,500 11 veterinary inspectors, at \$2,500 each 27,500 1 veterinary inspector 2,340 14 veterinary inspectors, at \$2,250 each 31,500 1 veterinary inspector 2,160 40 veterinary inspectors, at \$2,000 each 80,000 1 veterinary inspector 1,980 1 veterinary inspector 1,900 138 veterinary inspectors, at \$1,800 each 248,400 243 veterinary inspectors, at \$1,600 each 388,800 312 veterinary inspectors, at \$1,400 each 436,800 1 foreman meat inspector 1,200		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>Meat Inspection, Bureau of Animal Industry—Continued.</i>		
Out of Washington—Continued.		
2 meat inspectors, at \$1,400 each..... \$2,800 9 meat inspectors, at \$1,320 each..... 11,880 282 meat inspectors, at \$1,200 each..... 338,400 31 meat inspectors, at \$1,100 each..... 34,100 644 meat inspectors, at \$1,000 each..... 644,000 3 clerks, at \$1,200 each..... 3,600 3 clerks, at \$1,000 each..... 3,000 7 clerks, at \$900 each..... 6,300 3 inspectors, at \$1,800 each..... 5,400 4 vessel inspectors, at \$1,200 each..... 4,800 28 inspector's assistants, at \$1,000 each..... 28,000 75 inspector's assistants, at \$900 each..... 67,500 313 inspector's assistants, at \$840 each..... 262,920 128 stock examiners, at \$1,200 each..... 153,600 50 stock examiners, at \$1,000 each..... 50,000 1 laboratory inspector..... 2,040 1 laboratory inspector..... 1,980 1 laboratory inspector..... 1,800 1 laboratory inspector..... 1,740 1 laboratory inspector..... 1,620 3 under laboratory inspectors, at \$1,200 each..... 3,600 1 skilled laborer..... 900 1 laborer, at \$2 per diem (5 days)..... 10 1 assistant microscopist..... 900 1 assistant microscopist..... 600		
Total..... 2,866,370		
Total for Bureau of Animal Industry, including statutory salaries.....	\$2,128,046.00	\$1,670,316.00
BUREAU OF PLANT INDUSTRY.		
<i>Salaries, Bureau of Plant Industry—</i>		
One plant physiologist and pathologist, who shall be chief of bureau (increase of \$1,000 submitted) (acts Apr. 23, 1904, vol. 33, p. 281, sec. 1; Aug. 10, 1912, vol. 37, p. 274, sec. 1).....	\$6,000.00	
One chief clerk (same acts).....	2,500.00	
One executive assistant in seed distribution (same acts).....	2,250.00	
One officer in charge of publications (increase of \$250 submitted) (same acts).....	2,250.00	
One landscape gardener (same acts).....	1,800.00	
One officer in charge of records (increase of \$250 submitted) (same acts).....	2,250.00	
One superintendent of seed weighing and mailing (same acts).....	2,000.00	
One executive clerk (same acts).....	2,250.00	
Four executive clerks, at \$1,980 each (increase of 2 submitted) (same acts).....	7,920.00	
NOTE.—Three executive assistants, at \$1,800 each, omitted.		
One assistant superintendent of seed warehouse (same acts).....	1,400.00	
One seed inspector (same acts).....	1,000.00	
Nine clerks, class 4 (increase of 3, in lieu of 3 executive assistants at \$1,800 each, omitted, as above) (same acts).....	16,200.00	
Eleven clerks, class 3 (same acts).....	17,600.00	
Two clerks, at \$1,500 each (change of title from clerks or botanical translators at same salary) (same acts).....	3,000.00	
Twenty-three clerks, class 2 (increase of 8, 2 by transfer from lump fund for general expenses at same salary, and 6 in lieu of 9 clerks at \$900 each and 1 messenger boy at \$300 omitted, making \$11,200, the same amount as the increase) (same acts).....	32,200.00	
Forty-nine clerks, class 1 (increase of 10, 9 by transfer from lump fund for general expenses at same salary and 1 in lieu of 1 clerk at \$1,140 omitted, with increase of \$60) (same acts).....	58,800.00	
NOTE.—One clerk, at \$1,140, omitted, as above.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>Salaries, Bureau of Plant Industry—Continued.</i>		
One clerk (acts Apr. 23, 1904, vol. 33, p. 281, sec. 1; Aug. 10, 1912, vol. 37, p. 274, sec. 1).....	\$1,080.00	
Three clerks, at \$1,020 each (same acts).....	3,060.00	
Thirty-one clerks, at \$1,000 each (increase of 5 by transfer from lump fund for general expenses) (same acts).....	31,000.00	
Fifty-one clerks, at \$900 each (decrease of 9 by transfer to clerks of class 2, and increase of 4 by transfer from lump fund for general expenses, making a net decrease of 5) (same acts).....	45,900.00	
Twenty-four clerks, at \$840 each (increase of 1 by transfer from lump fund for foreign seeds and plants) (same acts).....	20,160.00	
Fifteen clerks, at \$720 each (increase of 2 by transfer, 1 from lump fund for general expenses and 1 from lump fund for congressional seed distribution) (same acts).....	10,800.00	
Thirty-six messengers, gardeners, or laborers, at \$720 each (increase of 3 by transfer from lump funds for foreign seeds and plants and congressional seed distribution) (same acts).....	25,920.00	
Eleven messengers, messenger boys, or laborers, at \$660 each (same acts).....	7,260.00	
Twenty messengers, messenger boys, or laborers, at \$600 each (increase of 5 by transfer from lump funds, 3 from general expenses, and 1 each from foreign seeds and plants and congressional seed distribution) (same acts).....	12,000.00	
One artist (same acts).....	1,620.00	
One clerk or artist (by transfer from lump fund for general expenses) (same acts).....	1,200.00	
One assistant in illustrations (by transfer from lump fund for general expenses) (same acts)....	840.00	
One photographer (increase of \$260 submitted) (same acts).....	1,400.00	
One photographer (increase of \$120 submitted) (same acts).....	1,200.00	
One photographer (by transfer from lump fund for general expenses) (same acts).....	900.00	
One laboratory aid (same acts).....	1,440.00	
One laboratory aid (same acts).....	1,380.00	
Three laboratory aids, at \$1,200 each (same acts).....	3,600.00	
One laboratory aid (same acts).....	1,080.00	
Two laboratory aids, at \$1,020 each (same acts).....	2,040.00	
Five laboratory aids, at \$840 each (same acts).....	4,200.00	
Eight laboratory aids, at \$720 each (increase of 2 by transfer from lump fund for general expenses) (same acts).....	5,760.00	
Six laboratory aids, at \$600 each (same acts).....	3,600.00	
One laboratory apprentice (same acts).....	720.00	
Two map tracers, at \$720 each (increase of 1 by transfer from lump fund for general expenses) (same acts).....	1,440.00	
One map tracer (same acts).....	600.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>Salaries, Bureau of Plant Industry—Continued.</i>		
One gardener (acts Apr. 23, 1904, vol. 33, p. 281, sec. 1; Aug. 10, 1912, vol. 37, p. 274, sec. 1)..	\$1,440.00	
Two gardeners, at \$1,200 each (same acts).....	2,400.00	
One gardener (same acts).....	1,100.00	
Two gardeners or assistants, at \$1,000 each (same acts)	2,000.00	
Seven gardeners, at \$900 each (same acts).....	6,300.00	
Four gardeners, at \$840 each (same acts).....	3,360.00	
Four gardeners, at \$780 each (same acts).....	3,120.00	
Eight gardeners, at \$720 each (same acts).....	5,760.00	
Five gardeners, at \$660 each (same acts).....	3,300.00	
Two gardeners, at \$600 each (same acts).....	1,200.00	
One skilled laborer (in lieu of 1 mechanician at \$960 omitted) (same acts).....	960.00	
One skilled laborer (same acts).....	900.00	
Four skilled laborers or gardeners, at \$840 each (change of title from skilled laborer at same salary) (same acts).....	3,360.00	
One assistant in technology (change of title from mechanician at \$1,260, with increase of \$140) (same acts).....	1,400.00	
One assistant in technology (change of title from mechanician at same salary) (same acts).....	1,380.00	
One mechanical assistant (same acts).....	1,200.00	
NOTE.—One mechanician at \$960 omitted, as above.		
One blacksmith (in lieu of 1 mechanician at same salary) (same acts).....	900.00	
One carpenter (same acts).....	900.00	
One painter (increase of \$180 submitted) (same acts).....	900.00	
One teamster (by transfer from lump fund for general expenses) (same acts).....	840.00	
One teamster (same acts).....	600.00	
Nineteen laborers, at \$540 each (increase of 4 by transfer from lump fund for general expenses) (same acts).....	10,260.00	
Twenty-four laborers, messengers, or messenger boys, at \$480 each (same acts).....	11,520.00	
Five laborers or charwomen, at \$480 each (same acts).....	2,400.00	
Two laborers or charwomen, at \$360 each (same acts).....	720.00	
Two laborers, at \$420 each (same acts).....	840.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>Salaries, Bureau of Plant Industry—Continued.</i>		
Eight charwomen, at \$240 each (increase of 1 by transfer from lump fund for general expenses) (acts Apr. 23, 1904, vol. 33, p. 281, sec. 1; Aug. 10, 1912, vol. 37, p. 274, sec. 1).....	\$1,920.00	
Eight messenger boys, at \$360 each (increase of 1 by transfer from lump fund for general expenses) (same acts).....	2,880.00	
Three messenger boys, at \$300 each (decrease of 1, as above) (same acts).....	900.00	
	<u>\$424,380.00</u>	<u>\$379,820.00</u>

Appropriations for 1904.....	\$62,930	Estimates for 1905.....	\$62,930
Appropriations for 1905.....	63,430	Estimates for 1906.....	68,780
Appropriations for 1906.....	157,800	Estimates for 1907.....	162,480
Appropriations for 1907.....	163,060	Estimates for 1908.....	189,200
Appropriations for 1908.....	189,450	Estimates for 1909.....	187,410
Appropriations for 1909.....	187,410	Estimates for 1910.....	189,950
Appropriations for 1910.....	210,510	Estimates for 1911.....	255,270
Appropriations for 1911.....	255,270	Estimates for 1912.....	330,320
Appropriations for 1912.....	330,470	Estimates for 1913.....	374,790
Appropriations for 1913.....	379,820	Estimates for 1914.....	424,380

NOTE.—Apparent increase in the above appropriation, \$44,560; actual increase, \$6,220, as follows:

PROMOTIONS.

1 chief of bureau, \$5,000 to \$6,000.....	\$1,000
1 officer in charge of publications, \$2,000 to \$2,250.....	250
1 officer in charge of records, \$2,000 to \$2,250.....	250
1 photographer, \$1,140 to \$1,400.....	260
1 photographer, \$1,080 to \$1,200.....	120
1 painter, \$720 to \$900.....	180

NEW PLACES.

2 executive clerks, at \$1,980 each.....	3,960
3 clerks, class 4.....	5,400
6 clerks, class 2.....	8,400
1 clerk, class 1.....	1,200
1 skilled laborer.....	960
1 assistant in technology.....	1,400
1 blacksmith.....	900
	<u>\$24,280</u>

PLACES OMITTED.

3 executive assistants, at \$1,800 each.....	5,400
1 clerk.....	1,140
9 clerks, at \$900 each.....	8,100
1 mechanician.....	1,280
1 mechanician.....	960
1 mechanician.....	900
1 messenger boy.....	300
	<u>18,060</u>

Actual increase..... 6,220

TRANSFERRED FROM LUMP FUNDS, WHICH FUNDS HAVE BEEN REDUCED ACCORDINGLY.

General expenses.

1 employee from fruit diseases.....	240
1 employee from drug and other plants.....	600
4 employees from cotton standardization.....	3,180
1 employee from drought-resistant seeds.....	1,000
1 employee from cereal investigations.....	840
2 employees from paper plant investigations.....	1,740
1 employee from alkali and drought-resistant plants.....	720
2 employees from sugar plant investigations.....	2,200
11 employees from farm management.....	13,100
4 employees from western irrigation agriculture.....	2,980
5 employees from pomological investigations.....	4,420
1 employee from experimental gardens and grounds.....	600
2 employees from Arlington farm and horticulture.....	960
1 employee from administrative and miscellaneous.....	840

Purchase and distribution of valuable seeds.

3 employees from congressional seed distribution.....	2,040
4 employees from foreign seed and plant introduction.....	2,880
	<u>33,340</u>

Apparent increase..... 44,560

General Expenses, Bureau of Plant Industry—

For all necessary expenses in the investigation of fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries, in cooperation with other branches of the department, the State experiment stations, and practical farmers, and for the erection of necessary farm buildings: *Provided*, That the cost of any building erected shall not exceed one thousand five hundred dollars; for field and station expenses, including fences, drains, and other farm improvements: *And provided further*, That the money already appropriated for "General expenses, Bureau of Plant Industry, fiscal year nineteen hundred and twelve," is hereby made available for the erection of necessary farm buildings, provided the cost of any building erected shall not exceed one

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
thousand five hundred dollars; and for field-station expenses, including fences, drains, and other farm improvements; for repairs in the District of Columbia and elsewhere; for rent outside of the District of Columbia; and for the employment of all investigators, local and special agents, agricultural explorers, experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for the investigations, experiments, and demonstrations herein authorized, as follows:		
For investigations of plant diseases and pathological collections, [twenty-five thousand dollars;] <i>thirty thousand dollars (act Aug. 10, 1912, vol. 37, pp. 275-278, sec. 1)</i>	\$30,000.00	
For the control of diseases of orchard and other fruits, [forty thousand six hundred and seventy-five dollars;] <i>forty-five thousand four hundred and thirty-five dollars (same act)</i>	45,435.00	
For the control of diseases of forest and ornamental trees and shrubs, twenty-nine thousand five hundred and ten dollars (same act)	29,510.00	
For the control of diseases of cotton, truck, and forage crops, and related plants, [twenty-two thousand dollars;] <i>thirty thousand dollars (same act)</i>	30,000.00	
For investigating the physiology of crop plants and for testing and breeding varieties thereof, [thirty thousand three hundred and eighty dollars;] <i>thirty-six thousand five hundred and eighty dollars (same act)</i>	36,580.00	
For soil-bacteriology and plant-nutrition investigations, [twenty-six thousand one hundred and forty-five dollars;] <i>thirty-five thousand three hundred and five dollars (same act)</i>	35,305.00	
For acclimatization and adaptation investigations of cotton, corn, and other crops introduced from tropical regions, and for the improvement of cotton by cultural methods, breeding, and selection, [thirty-three thousand three hundred dollars;] <i>forty-three thousand three hundred dollars (same act)</i>	43,300.00	
For drug plant, poisonous plant, tea culture, and general physiological and fermentation investigations, [forty-six thousand nine hundred and thirty dollars;] <i>fifty-eight thousand three hundred and thirty dollars (same act)</i>	58,330.00	
For crop technological and fiber plant investigations, ten thousand and ten dollars (same act).....	10,010.00	
For investigating the ginning, handling, grading, baling, <i>marketing</i> , and wrapping of cotton, and the establishment of standards for the different grades thereof, and for carrying into effect the provisions of law relating thereto, [twenty-six thousand dollars;] <i>thirty-nine thousand one hundred and twenty dollars [Provided, That not to exceed eight thousand dollars of this amount may be used for the purchase of spinning machinery in order to conduct the necessary tests in connection with the ginning, handling, and grading of cotton;] (same act)</i>	39,120.00	
For investigating the handling, grading, and transportation of grain, and the fixing of definite grades thereof, [fifty-five thousand six hundred and forty dollars;] <i>seventy-five thousand six hundred and forty dollars (same act)</i>	75,640.00	
For [physical] <i>biophysical</i> investigations in connection with the various lines of work herein authorized, [fifteen thousand six hundred and fifty-five dollars;] <i>twenty-three thousand six hundred and fifty-five dollars (same act)</i>	23,655.00	
[To collect, purchase, propagate, test, and experiment with seeds of interest to agriculture, including rare new seeds, bulbs, trees, shrubs, vines, cuttings, and plants, fifty-two thousand four hundred and thirty dollars, of which amount forty thousand dollars shall be used for the purchase and distribution of drought-resistant field seeds;]		
For studying and testing commercial seeds, including the testing of samples of seeds of grasses, clover, or alfalfa secured in the open market, and where such samples are found to be adulterated or misbranded the results of the tests shall be published, together with the names of the persons by whom the seeds were offered for sale, [twenty-three thousand five hundred and thirty dollars;] <i>twenty-nine thousand three hundred and seventy dollars (same act)</i>	29,370.00	
For the investigation and improvement of cereals and methods of cereal production, and the study of cereal diseases, and for the investigation of the cultivation and breeding of flax for seed purposes, including a study of flax diseases, [eighty thousand seven hundred and sixty-five dollars;] <i>one hundred and four thousand nine hundred and twenty-five dollars (same act)</i>	104,925.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
For the investigation and improvement of tobacco and the methods of tobacco production and handling, [twenty-six thousand six hundred and thirty dollars;] <i>thirty-one thousand six hundred and thirty dollars</i> (act Aug. 10, 1912, vol. 37, pp. 275-278, sec. 1).....	\$31,630.00	
For the investigation and improvement of forage crops and methods of forage-crop production, [twenty thousand dollars;] <i>thirty-five thousand dollars</i> (same act).....	35,000.00	
For testing and breeding fibrous plants, including the testing of flax straw, in cooperation with the North Dakota Agricultural College, which may be used for paper making, [twelve thousand five hundred and eighty dollars;] <i>ten thousand eight hundred and forty dollars</i> (same act).....	10,840.00	
For the breeding and physiological study of alkali-resistant and drought-resistant crops, [eighteen thousand one hundred and forty dollars;] <i>nineteen thousand two hundred and eighty dollars</i> (same act).....	19,280.00	
For the investigation and improvement of sugar-producing plants, including their utilization and culture, [thirty-five thousand seven hundred and ninety-five dollars;] <i>thirty-eight thousand five hundred and ninety-five dollars</i> (same act).....	38,595.00	
[For taxonomic investigations and the study of methods for the improvement of grazing lands, twenty-one thousand nine hundred and thirty dollars;]		
For investigations in economic and systematic botany and the improvement and utilization of wild plants and grazing lands, <i>twenty-six thousand nine hundred and thirty dollars</i> (same act).....	26,930.00	
To investigate and encourage the adoption of improved methods of farm management and farm practice, and for farm demonstration work, [three hundred thousand dollars;] <i>four hundred and thirty-five thousand seven hundred dollars</i> : Provided, That of the amount hereby appropriated the sum of [ten thousand dollars] <i>eight thousand eight hundred dollars</i> may be used in the investigation and utilization of cacti and other dry-land plants as food for stock (same act).....	435,700.00	
For farmers' cooperative demonstrations and for the study and demonstration of the best methods of meeting the ravages of the cotton-boll weevil, [three hundred and thirty-two thousand nine hundred and sixty dollars;] <i>four hundred and seven thousand nine hundred and sixty dollars</i> (same act).....	407,960.00	
For the investigation and improvement of methods of crop production under semiarid or dry-land conditions, one hundred and twenty-five thousand dollars [: <i>Provided, however, That the sum of fifty thousand dollars of this amount, or so much thereof as may be necessary, shall be used for the purchase of land and equipment and the construction of buildings necessary to establish, equip, and maintain an experimental farm in the northern section of the Great Plains area to demonstrate the kind and character of plants, shrubs, trees, berries, and vegetables best adapted to the climate and soil of the semiarid lands of the United States: Provided further, That the limitation in this act as to the cost of farm buildings shall not apply to this paragraph;</i>] (same act).....	125,000.00	
For studying methods of clearing off "logged-off" lands with a view to their utilization for agricultural and dairying purposes; for their irrigation; for testing powders in clearing them; and for the utilization of by-products arising in the process of clearing, in cooperation with the States, companies, or individuals, or otherwise, five thousand dollars (same act).....	5,000.00	
For investigations in connection with western irrigation agriculture, the utilization of lands reclaimed under the reclamation act, and other areas in the arid and semiarid regions, [sixty-nine thousand six hundred dollars;] <i>seventy-six thousand six hundred and twenty dollars</i> (same act).....	76,620.00	
For the investigation and improvement of fruits, and the methods of fruit growing, harvesting, packing, storing, handling, and shipping, and for experimental shipments of fruits within the United States and to foreign countries, [eighty-six thousand and fifteen dollars;] <i>ninety-eight thousand five hundred and ninety-five dollars</i> (same act).....	98,595.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
To cultivate and care for experimental gardens and grounds, manage and maintain conservatories, greenhouses, and plant and fruit propagating houses, [thirteen thousand and ten dollars;] <i>twelve thousand four hundred and ten dollars (act Aug. 10, 1912, vol. 37, pp. 275-278, sec. 1)</i>	\$12,410.00	
For continuing the necessary improvements to establish and maintain a general experiment farm and agricultural station on the Arlington estate, in the State of Virginia, in accordance with the provisions of the act of Congress approved April eighteenth, nineteen hundred, [and for other general horticultural investigations, thirty-six thousand nine hundred and twenty dollars;] <i>fifty-five thousand nine hundred and sixty dollars: Provided, That forty-five thousand dollars of this amount or so much thereof as may be necessary may be used in the study of the production, handling, and marketing of truck and related horticultural crops (same act)</i>	55,960.00	
<i>For investigations in foreign seed and plant introduction, including the study, collection, purchase, testing, propagation, and distribution of rare and valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants from foreign countries and from our possessions, and for experiments with reference to their introduction and cultivation in this country, ninety-three thousand two hundred and ninety dollars (same act)</i>	93,290.00	
For general administrative expenses connected with the above-mentioned lines of investigation, including the office of the chief of bureau, the assistant chief of bureau, the chief clerk, the officer in charge of publications, records, supplies, and property, and for miscellaneous expenses incident thereto, [thirty-six thousand five hundred and thirty dollars;] <i>thirty-five thousand six hundred and ninety dollars (same act)</i>	35,690.00	
In all, for general expenses, [one million six hundred and fifty-eight thousand and eighty dollars;] <i>two million and ninety-nine thousand six hundred and eighty dollars</i>	\$2,099,680.00	\$1,658,080.00

Appropriations for 1904.....	\$322,000	Estimates for 1905.....	\$397,000
Appropriations for 1905.....	366,000	Estimates for 1906.....	378,000
Deficiency act.....	2,500		
Appropriations for 1906.....	376,100	Estimates for 1907.....	541,460
Appropriations for 1907.....	495,260	Estimates for 1908.....	584,780
Appropriations for 1908.....	584,780	Estimates for 1909.....	666,266
Appropriations for 1909.....	896,266	Estimates for 1910.....	1,127,006
Appropriations for 1910.....	1,180,796	Estimates for 1911.....	1,133,346
Appropriations for 1911.....	1,193,346	Estimates for 1912.....	1,347,326
Appropriations for 1912.....	1,441,536	Estimates for 1913.....	1,438,590
Appropriations for 1913.....	1,658,080	Estimates for 1914.....	2,099,680

NOTE 1.—There is an apparent increase in the above appropriation of \$441,600, but, taking into consideration the transfer of thirty-seven employees from the various lump-fund appropriations under general expenses to the statutory roll, aggregating \$33,420, the actual increase is \$475,020, as follows:

Pathological laboratory: An increase of \$5,000 is recommended to meet pressing demands for pathological work and for the training of some special workers in plant pathological fields.

Fruit disease investigations: Apparent increase, \$4,760, but, adding the saving in salary of one employee transferred from this fund to the statutory roll, amounting to \$249, the actual increase is \$5,000, and is needed to extend the spraying work in the field and for the study of citrus fruit diseases.

Forest pathology: No increase recommended.

Cotton and truck disease investigations: An increase of \$8,000 is submitted to care for the demand for increased work on cotton and truck crop diseases, the additional funds being highly important to the best conduct of the work.

Crop physiology investigations: Apparent increase \$6,200, but, as \$1,200 of this amount has been transferred from farm management and that fund reduced accordingly, the actual increase is \$5,000, and is recommended to enlarge the scope of investigations of dates and figs and work on cotton with the Indians in cooperation with other offices of the bureau.

Soil bacteriology and nutrition: Apparent increase \$9,160, but, as \$840 has been transferred to seed testing laboratory, the actual increase is \$10,000, of which amount it is proposed to use \$5,000 in the enlargement of important work on soil bacteriology, especially with reference to humus formation and nitrogen production. The other \$5,000 is needed for an investigation of the organisms associated with plants growing in acid soils to determine their value and usefulness as nitrogen fixers.

Crop acclimatization: An increase of \$10,000 is recommended to properly carry out important work which has been inaugurated in the improvement of cotton and the development of community work in cotton growing. This is of vital importance to the cotton interests of the South.

Drug and poisonous plant investigations: Apparent increase \$11,400, but adding the salary of one employee transferred from this fund to the statutory roll, amounting to \$600, the actual increase is \$12,000, and is recommended in order to carry out certain demonstrations with hot peppers and certain drug plants growing under cultivation in order to establish these new industries upon a commercial basis; also to extend the field studies in hop growing and breeding, and for undertaking some important technical laboratory investigations on hop constituents; also to carry on work on some special problems connected with the growing of camphor in this country.

Crop technology and fiber plant investigations: No increase recommended.

Cotton standardization and marketing: Apparent increase \$13,120, but adding the salaries of four employees transferred from this fund to the statutory roll, amounting to \$3,150, the actual increase is \$16,300, and is recommended in order to inaugurate definite work in connection with the important work of cooperative cotton marketing, concerning which preliminary studies are being made this year. Communities will be organized into cooperative associations and induced to handle their cotton cooperatively. The insertion of the word "marketing" in the wording of the item is also recommended. Certain language has also been omitted as indicated.

Grain standardization: An increase of \$20,000 is recommended, \$10,000 of which will be used in establishing standards of corn grades, and \$10,000 for the establishment of a laboratory on the Pacific coast. The opening of the Panama Canal will no doubt have a marked effect upon the handling of grain on the Pacific coast, and it is believed highly important that a standardization laboratory should be located there in order to assist in working out the numerous problems that will doubtless arise.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
<p>Biophysical investigations: An increase of \$8,000 is recommended to be especially used for important work in the West in connection with the malnutrition work, the object of which is to determine the cause of the malnutrition of citrus and other orchard trees in irrigated districts. Urgent appeals have been received for the inauguration of work of this character. The name of this subappropriation has also been changed to biophysical investigations.</p>		
<p>Special seeds and plants, \$12,430. This item has been transferred to new foreign seed item under general expenses. Drought-resistant seed, \$40,000. This item has been transferred to the purchase and distribution of valuable seeds as a special clause in place of the present clause providing for foreign seed and plant introduction less \$1,000 covering the transfer of one employee to the statutory roll. Apparent decrease, \$52,430.</p>		
<p>Seed-testing laboratories: Apparent increase \$5,840, but as \$840 has been transferred to this fund from Soil Bacteriology and Nutrition, the actual increase is \$5,000 and is recommended for the establishment of an additional cooperative seed-testing laboratory and to handle the additional work made necessary by the passage of the recent act of Congress prohibiting the importation of adulterated seed of various kinds.</p>		
<p>Cereal investigations: Apparent increase, \$24,160, but adding the salary of one employee transferred to the statutory roll, amounting to \$840, the actual increase is \$25,000 and is recommended in order to enlarge the scope of the work carried on, particularly in the South, where there has been a great demand for definite scientific investigations of cereals. Considerable money is being spent in demonstration work with cereals, but there is a great deal to be done in the breeding and selection of better varieties for the South. A change in the wording of the item is also recommended in order that work with flax for seed purposes may be carried on.</p>		
<p>Tobacco investigations: An increase of \$5,000 is recommended in order to extend the work in the Carolinas, Kentucky, Tennessee, and other important tobacco centers. The demand for an extension of the tobacco work in the States named has been very pressing.</p>		
<p>Forage crop investigations: An increase of \$15,000 is recommended. Up to the present time the forage crop work has been partly supported by the appropriation for the purchase and distribution of valuable seeds, these funds being used for the distribution end of the work. The work has become more scientific in its nature, however, and it is deemed unwise to continue to use any of the seed funds for the work. Important work in the securing of new varieties of forage crops for the Northwest and South is being carried on.</p>		
<p>Paper plant investigations: Apparent decrease, \$1,740, but this amount covers the transfer of two employees to the statutory roll, and therefore is no change in the amount of this subappropriation.</p>		
<p>Alkali and drought resistant plant breeding: Apparent increase of \$1,140, but adding the salary of one employee at \$720 transferred to the statutory roll, the actual increase is \$1,860, and is recommended to undertake cooperative studies in connection with the relation of alkali and drought to the malnutrition of irrigated orchards, and for extending the investigations in connection with the breeding of alkali-resistant crops.</p>		
<p>Sugar plant investigations: Apparent increase, \$2,800, but adding the salaries of two employees transferred to the statutory roll, amounting to \$2,200, the actual increase is \$5,000, and is recommended in order to extend the sugar beet work to California and other points in the dry land area where sugar beet culture is an important industry.</p>		
<p>Taxonomic and range investigations: An increase of \$5,000 is recommended to enable the office to undertake important cooperative work in connection with the identification and utilization of plants on the forest reserves. A material change in the wording of the item has also been recommended in order to more clearly define the work carried on.</p>		
<p>Farm management investigations: Apparent increase, \$135,700, but, adding the salaries of 11 employees transferred to the statutory roll, amounting to \$13,100, and the amount transferred to crop physiology, \$1,200, the actual increase is \$150,000. The funds available for the farm management work in the Northern States for the present year have been found inadequate to meet the urgent demands which have been made by State and local authorities for the inauguration of cooperative field studies and demonstrations. Many requests for work and offers of cooperation can not be met until the funds are materially increased.</p>		
<p>Farmers' cooperative demonstration work: An increase of \$75,000. The demand for demonstration work in the South continues to grow, and as the cotton-boll weevil spreads eastward the territory affected by the weevil is constantly increasing. In order to inaugurate work in these sections, as well as to meet the urgent need for an enlargement of the work already in progress, a material increase in the funds available for the work will be required.</p>		
<p>Dry land agriculture: No increase is recommended, but it is recommended that the present wording authorizing the purchase of land, etc., for the establishment of a station in the northern portion of the Great Plains area (which has been located at Mandan, N. Dak.) be omitted, the general wording of the item authorizing the dry land agriculture work being sufficient for carrying on the work at Mandan and other dry land stations.</p>		
<p>Clearing and utilization of "logged-off" lands. No change.</p>		
<p>Western irrigation agriculture: Apparent increase \$7,020, but, adding the salaries of four employees transferred to the statutory roll, amounting to \$2,980, the actual increase is \$10,000, and is recommended, to be used chiefly in connection with the extension of important work on cotton production in the Southwest, especially Egyptian cotton, and the enlargement of the work at some of the stations on the reclamation projects.</p>		
<p>Pomological investigations: Apparent increase of \$12,580, but, adding the salaries of five employees transferred to the statutory roll, amounting to \$4,420, the actual increase is \$17,000. Of this amount \$5,000 will be used in connection with the standardization and identification of fruits and for the maintenance of the varietal orchard at Arlington. The funds available for this work heretofore have been entirely insufficient. \$12,000 of the increase is desired in connection with the fruit handling, marketing, and storage work, chiefly for the purpose of inaugurating important experiments in the handling of fruit for export. Additional funds are also required in connection with the viticultural and nut culture investigations and for extending the pomological breeding work which was inaugurated in California about three years ago.</p>		
<p>Experimental gardens and grounds: Apparent decrease \$600, but, adding the salary of one employee at \$600, transferred to the statutory roll, there is no change in this subappropriation.</p>		
<p>Arlington farm and horticulture: Apparent increase \$19,040, but adding the salaries of two employees transferred to the statutory roll, amounting to \$960, the actual increase is \$20,000. It is proposed to use at least \$10,000 of this amount in carrying to a successful issue the very important work which is now being carried on to improve the quality and production of potatoes in this country. It is also desired to extend the peanut work in the South. The culture of peanuts in certain portions of the weevil-infested area is rapidly becoming an important industry. It is further desired to extend the work already under way in the growing, handling, and marketing of horticultural crops.</p>		
<p>Foreign seed and plant introduction: This is a new item and an apparent increase of \$93,290, but deducting the amount transferred from purchase and distribution of valuable seeds (foreign seeds), \$55,860, and the amount transferred from special seeds, \$12,430, the increase is \$22,120, to which should be added the salaries of four employees transferred to the statutory roll, amounting to \$2,880, making the actual increase \$25,000. This item has heretofore been carried as a proviso under the appropriation for the Purchase and distribution of valuable seeds, but as the work is becoming more investigational in its nature, it is highly desirable and important that it be more closely associated with the other scientific and investigational offices of the bureau. It is therefore recommended that it be transferred from the appropriation for the Purchase and distribution of valuable seeds and made an item under the appropriation for the general expenses of the bureau, the wording of the item to be as follows:</p>		
<p>"For investigations in foreign seed and plant introduction, including the study, collection, purchase, testing, propagation, and distribution of rare and valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants from foreign countries and from our possessions, and for experiments with reference to their introduction and cultivation in this country."</p>		
<p>It is also recommended, furthermore, that the item under general expenses, known as "Special seeds and plants," be omitted, and the money, \$12,430, added to the foreign seed item under general expenses. There is a proviso under the special seeds and plants item directing the expenditure of \$40,000 for the purchase and distribution of drought resistant field seeds. It is also recommended that these funds, less \$1,000 transferred to statutory roll, be transferred to the appropriation for Purchase and distribution of valuable seeds and made a special proviso in place of the foreign seed item at the end of the paragraph, the proviso to read as follows:</p>		
<p>"Provided further, That thirty-nine thousand dollars of which sum, or so much thereof as the Secretary of Agriculture shall direct, may be used for the purchase and distribution of drought resistant field seeds through the Great Plains area and other dry land sections of the United States."</p>		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
Administrative and Miscellaneous: Apparent decrease of \$840, but as this amount covers the transfer of one employee to the statutory roll, there is no change in the amount of this fund.		
NOTE 2.—Salaries of plant pathologists, physiologists, pomologists, botanists, experts, special agents, student assistants, laborers, etc., carried on the lump funds named below on Aug. 1, 1912:		
GENERAL EXPENSES, BUREAU OF PLANT INDUSTRY.		
PATHOLOGICAL LABORATORY.		
In Washington:		
1 pathologist in charge	\$4,000	
1 mycologist	2,000	
3 assistant pathologists, at \$1,800 each	5,400	
1 scientific assistant	1,620	
2 scientific assistants, at \$1,200 each	2,400	
1 assistant in mycology	1,200	
1 scientific assistant	1,020	
1 expert, at \$150 per month	1,800	
Total	19,440	
FRUIT DISEASES.		
1 pathologist in charge	3,240	
1 plant pathologist	2,220	
1 assistant pathologist	1,800	
2 scientific assistants, at \$1,620 each	3,240	
1 expert	1,620	
1 scientific assistant	1,500	
2 scientific assistants, at \$1,440 each	2,880	
1 scientific assistant	1,200	
1 unskilled laborer, at \$1.75 per diem (10 months)	455	
Total	18,155	
FOREST PATHOLOGY.		
1 pathologist	2,400	
1 assistant pathologist	1,980	
2 forest pathologists, at \$1,800 each	3,600	
1 forest assistant	1,620	
1 unskilled laborer, at \$55 per month (1 month)	55	
1 student assistant, at \$300 (6 months)	150	
Total	9,805	
COTTON AND TRUCK DISEASES.		
1 physiologist	2,040	
1 pathologist	2,000	
1 assistant pathologist	2,000	
1 assistant pathologist	1,800	
1 expert	1,800	
1 scientific assistant	1,620	
1 scientific assistant	1,500	
1 laborer, at \$2 per diem (10 months)	520	
Total	13,280	
CROP PHYSIOLOGY.		
1 physiologist in charge	3,240	
1 arboriculturist	2,520	
1 assistant plant breeder	1,620	
1 botanical assistant	1,500	
2 student assistants, at \$25 per month each (6 months)	300	
1 greenhouse assistant, at \$25 per month (6 months)	150	
3 student assistants, at \$25 per month each (3 months)	225	
Total	9,555	
BACTERIOLOGY AND NUTRITION.		
1 physiologist in charge	2,760	
1 physiologist	2,400	
1 assistant physiologist	1,800	
1 assistant in bacteriology and nutrition	1,800	
1 scientific assistant	1,800	
1 scientific assistant	1,620	
1 scientific assistant	1,440	
1 scientific assistant	1,380	
1 assistant physiologist	1,200	
1 laborer, at \$50 per month (4 months)	200	
Total	16,400	
CROP ACCLIMATIZATION.		
1 bionomist in charge	3,500	
1 botanist	2,400	
1 special agent	2,250	
1 scientific assistant	1,680	
1 assistant in crop acclimatization	1,600	
1 scientific assistant	1,200	
1 assistant in crop acclimatization	960	
1 scientific assistant	900	
1 expert	720	
1 student assistant, at \$25 per month (6 months)	150	
Total	15,360	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
DRUG AND OTHER PLANTS.		
In Washington—Continued.		
1 physiologist in charge \$3,240 1 biologist (chemical) 2,750 1 plant physiologist 2,400 1 physiologist 2,400 1 physiologist 2,220 4 chemical biologists, at \$1,800 each 7,200 1 scientific assistant 1,800 1 expert 1,800 1 chemical biologist 1,620 1 physiologist 1,500 1 expert 1,200 1 assistant 1,020		
Total	29,150	
CROP TECHNOLOGY.		
1 expert 2,760 1 botanist 2,760 3 student assistants, at \$25 per month each (6 months) 450		
Total	5,970	
COTTON STANDARDIZATION.		
1 technologist 4,000 1 physiologist 2,400 1 expert 2,220 1 expert 1,980 1 scientific assistant 1,800 1 clerk 1,200 1 laboratory aid 720 1 map tracer 720 1 collator at \$150 per month (3 months) 450 1 laborer, at \$2 per diem (20 days) 40 1 laborer, at \$45 per month 540		
Total	16,070	
GRAIN STANDARDIZATION.		
1 technologist in charge 2,750 1 assistant in grain standardization 1,980 1 assistant in grain standardization 1,500 2 assistants in grain standardization, at \$1,440 each 2,880 1 assistant in grain standardization 1,140 1 aid in grain standardization 1,080 1 scientific assistant 1,020 1 clerk, at \$75 per month (6 months) 450		
Total	12,800	
PHYSICAL INVESTIGATIONS.		
1 physicist in charge 3,000 1 assistant in physical laboratory 2,040 1 laboratory assistant 1,680 1 laboratory assistant 1,620 1 unskilled laborer, at \$1.75 per diem (156 days) 273		
Total	8,613	
SPECIAL SEEDS AND PLANTS.		
1 botanical assistant 1,980 1 scientific assistant in economic botany 1,800 1 clerk, at \$75 per month (3 months) 225 1 unskilled laborer, at \$50 per month (1 month) 50 1 student assistant, at \$25 per month (6 months) 150 1 unskilled laborer, at \$1.50 per diem (260 days) 390		
Total	4,595	
DROUGHT-RESISTANT SEEDS.		
1 expert 1,800 1 clerk 1,000		
Total	2,800	
SEED-TESTING LABORATORIES.		
1 botanist in charge 2,750 1 assistant botanist 1,980 1 scientific assistant in seed testing 1,620 1 scientific assistant in seed testing 1,440 1 scientific assistant in seed testing 1,380 5 scientific assistants in seed testing, at \$1,200 each 6,000 3 scientific assistants in seed testing, at \$1,020 each 3,060		
Total	18,230	
CEREAL INVESTIGATIONS.		
1 agronomist, acting in charge 2,520 1 agronomist 2,400 1 physiologist in charge of corn investigations 2,400 1 agronomist in charge of oat investigations 2,280 1 pathologist in charge of cereal-disease work 2,220 1 assistant physiologist in corn investigations 2,100 1 assistant physiologist 1,980 1 agronomist in charge of barley investigations 1,980 1 agronomist in barley investigations 1,980 1 expert 1,980 1 scientific assistant in plant breeding 1,800 1 assistant in plant pathology 1,620 1 scientific assistant in farm equipment 1,440 1 assistant in corn investigations 1,200 2 scientific assistants in agronomy, at \$1,200 each 2,400		
Total	30,300	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
TOBACCO INVESTIGATIONS.		
In Washington—Continued.		
1 physiologist.....	\$2,500	
FORAGE CROP INVESTIGATIONS.		
1 agrostologist in charge.....	3,000	
1 agronomist.....	2,400	
1 assistant agrostologist.....	1,800	
Total.....	7,200	
PAPER-PLANT INVESTIGATIONS.		
1 assistant chemist.....	1,620	
1 clerk.....	1,200	
1 unskilled laborer, at \$45 per month.....	540	
Total.....	3,360	
ALKALI AND DROUGHT RESISTANT PLANTS.		
1 physiologist.....	2,760	
1 plant physiologist.....	2,520	
1 assistant plant physiologist.....	1,620	
1 laboratory aid.....	720	
Total.....	7,620	
SUGAR PLANT INVESTIGATIONS.		
1 pathologist in charge.....	2,750	
1 plant physiologist.....	2,520	
1 physiologist.....	2,280	
1 assistant agronomist.....	1,800	
1 assistant chemist.....	1,800	
1 assistant pathologist.....	1,680	
1 assistant in sugar plant investigations.....	1,560	
1 clerk.....	1,200	
1 clerk.....	1,000	
Total.....	16,590	
TAXONOMIC AND RANGE INVESTIGATIONS.		
1 botanist in charge.....	3,500	
1 systematic agrostologist.....	2,760	
1 assistant curator.....	1,980	
1 assistant.....	1,800	
1 assistant botanist.....	1,800	
1 scientific assistant.....	1,700	
1 scientific assistant in systematic agrostology.....	1,620	
1 assistant botanist.....	1,400	
1 expert.....	1,200	
1 gardener, at \$60 per month (6 months).....	360	
1 collaborator, at \$25 per month (4 months).....	100	
Total.....	18,220	
FARM MANAGEMENT.		
1 agriculturist in charge.....	4,000	
1 agriculturist.....	3,000	
1 agriculturist.....	2,700	
1 assistant agriculturist.....	2,520	
1 agriculturist.....	2,460	
1 assistant agriculturist.....	2,400	
1 agriculturist.....	2,400	
1 assistant agriculturist.....	2,220	
1 agriculturist.....	2,100	
1 scientific assistant.....	2,100	
3 assistant agriculturists, at \$2,100 each.....	6,300	
1 assistant agriculturist.....	2,040	
1 scientific assistant in agronomy.....	2,000	
1 assistant in dry land agriculture.....	1,980	
1 assistant agriculturist.....	1,800	
1 assistant.....	1,600	
2 assistants in farm accounting, at \$1,440 each.....	2,880	
2 scientific assistants in farm management, at \$1,440 each.....	2,880	
1 scientific assistant in farm economics.....	1,440	
1 scientific assistant in farm equipment.....	1,440	
2 scientific assistants in farm cost accounting, at \$1,440 each.....	2,880	
2 clerks, at \$1,400 each.....	2,800	
4 clerks, at \$1,200 each.....	4,800	
2 assistants in farm cost accounting, at \$1,200 each.....	2,400	
1 library assistant.....	1,200	
1 clerk.....	1,200	
1 clerk.....	1,000	
1 assistant photographer.....	900	
Total.....	67,440	
UTILIZATION OF CACTI AND DRY LAND PLANTS.		
1 agriculturist.....	2,750	
1 assistant curator.....	2,100	
Total.....	4,850	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
FARMERS' COOPERATIVE DEMONSTRATION WORK.		
In Washington—Continued.		
1 special agent	\$3,750	
1 assistant	1,600	
3 clerks, at \$60 per month each (3 months)	540	
Total	5,890	
DRY LAND AGRICULTURE.		
1 agriculturist in charge	3,240	
1 architect and superintendent of construction	750	
Total	3,990	
WESTERN IRRIGATION AGRICULTURE.		
1 agriculturist in charge	3,000	
1 agronomist in grain investigations	2,280	
1 clerk	1,000	
Total	6,280	
POMOLOGICAL INVESTIGATIONS.		
1 pomologist in charge	3,240	
1 expert in charge of field investigations	2,750	
1 pomologist	2,520	
1 expert in refrigeration	2,500	
1 pomologist in charge of viticultural investigations	2,460	
1 expert in charge of fruit storage	2,280	
1 expert in fruit identification	2,220	
1 pomologist	2,000	
1 scientific assistant	1,800	
1 expert in fruit transportation and storage	1,620	
1 expert	1,500	
1 expert in fruit storage	1,500	
1 special agent	1,500	
1 scientific assistant in horticulture	1,440	
1 scientific assistant in pomology	1,440	
1 scientific assistant	1,200	
4 scientific assistants in pomology, at \$1,200 each	4,800	
3 clerks, at \$900 each	2,700	
1 clerk	1,000	
1 clerk	720	
1 junior architectural draftsman, at \$85 per month (9 months)	765	
1 clerk, at \$75 per month (3 months)	225	
1 assistant in fruit transportation and storage investigations, at \$75 per month (3 months)	225	
1 scientific assistant in pomology, at \$75 per month (3 months)	225	
1 assistant in pomology, at \$60 per month (3 months)	180	
1 student assistant, at \$25 per month (6 months)	150	
1 student assistant, at \$25 per month (2 months)	50	
Total	43,010	
EXPERIMENTAL GARDENS AND GROUNDS.		
1 assistant in charge	2,160	
1 expert	2,100	
1 unskilled laborer	600	
2 carpenters, at \$3.50 per diem each (90 days)	630	
1 unskilled laborer, at \$1.75 per diem (200 days)	350	
4 unskilled laborers, at \$1.50 per diem each (60 days)	360	
1 unskilled laborer, at \$1.50 per diem (30 days)	45	
10 unskilled laborers, at \$1.50 per diem each (20 days)	300	
Total	6,545	
ARLINGTON FARM AND HORTICULTURE.		
1 horticulturist in charge	3,500	
1 horticulturist	2,400	
1 scientific assistant in horticulture	1,620	
1 messenger boy, at \$30 per month	360	
1 laboratory aid in horticulture, at \$60 per month (3 months)	180	
Total	8,060	
ADMINISTRATIVE AND MISCELLANEOUS.		
1 pomologist and assistant chief	4,000	
1 special agent and agro-tologist	3,000	
1 scientific assistant in library science	1,620	
1 botanical assistant	1,600	
1 plumber, at \$1,200 per annum (1 month)	100	
1 scientific assistant in library science	1,200	
1 clerk	1,200	
1 clerk, at \$1,000 per annum (6 months)	500	
1 clerk, at \$75 per month (3 months)	225	
1 assistant in illustrations	840	
1 clerk, at \$60 per month (3 months)	180	
1 German translator, at \$75 per month (6 months)	450	
1 clerk, at \$60 per month (3 months)	180	
1 unskilled laborer, at \$40 per month (1 month)	40	
1 unskilled laborer, at \$50 per month (1 month)	50	
3 student assistants, at \$25 per month (6 months)	450	
2 student assistants, at \$25 per month (3 months)	150	
Total	15,785	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
PATHOLOGICAL LABORATORY.		
Out of Washington:		
1 collaborator.....	\$1	
FRUIT DISEASES.		
1 plant pathologist.....	2,750	
1 pathologist.....	2,040	
1 scientific assistant.....	1,620	
1 agent.....	1,440	
1 agent, at \$100 per month.....	1,200	
1 agent, at \$75 per month.....	900	
1 collaborator, at 50 cents per hour (temporary).....	136	
Total.....	10,086	
FOREST PATHOLOGY.		
1 forest pathologist.....	2,400	
1 collaborator, at \$1 per month.....	12	
Total.....	2,412	
COTTON AND TRUCK DISEASES.		
1 agent.....	1,000	
1 agent.....	600	
1 agent, at \$100 per month (3 months).....	300	
1 agent, at \$50 per month.....	600	
1 collaborator, at \$25 per month.....	300	
1 collaborator, at \$20 per month.....	240	
27 collaborators, at \$1 per month.....	324	
Total.....	3,364	
CROP PHYSIOLOGY.		
2 assistants in arboriculture, at \$1,380 each.....	2,760	
1 farm teamster, at \$80 per month (8 months).....	640	
1 collaborator.....	12	
1 laboratory aid, at \$70 per month (3 months).....	210	
1 agent, at \$60 per month.....	720	
1 laborer, at \$50 per month (6 months).....	300	
1 student assistant, at \$25 per month (3 months).....	75	
2 collaborators, at \$1 per month each.....	24	
1 agent, at \$5 per diem (60 days).....	300	
1 expert, at \$5 per diem (250 days).....	1,250	
1 special agent, at \$4 per diem (125 days).....	500	
1 agent, at \$3 per diem (100 days).....	300	
1 collaborator, at \$2.50 per diem (50 days).....	125	
1 collaborator, at \$1.25 per diem (60 days).....	75	
Total.....	7,291	
BACTERIOLOGY AND NUTRITION.		
1 laboratory aid, at \$40 per month (3 months).....	120	
CROP ACCLIMATIZATION.		
2 agents, at \$1,800 each.....	3,600	
2 agents, at \$60 per month each.....	1,440	
1 student assistant, at \$25 per month (6 months).....	150	
1 collaborator, at \$10 per month.....	120	
2 collaborators, at \$1 per month each.....	24	
1 laborer, at \$1.25 per diem (104 days).....	130	
Total.....	5,464	
DRUG AND OTHER PLANTS.		
1 scientific assistant.....	1,620	
1 scientific assistant.....	1,500	
1 special agent.....	900	
1 laborer, at \$60 per month (6 months).....	360	
1 laborer, at \$50 per month.....	600	
2 laborers, at \$45 per month each (3 months).....	270	
1 laborer, at \$45 per month (temporary).....	67	
1 laborer, at \$30 per month (temporary).....	75	
1 collaborator, at \$25 per month.....	300	
1 collaborator, at \$1 per month.....	12	
Total.....	5,704	
CROP TECHNOLOGY.		
1 agent.....	1,440	
COTTON STANDARDIZATION.		
1 agent, at \$120 per month (2 months).....	240	
1 agent, at \$100 per month (2 months).....	200	
1 expert, at \$10 per diem (10 days).....	100	
1 agent, at \$3 per diem (90 days).....	270	
Total.....	810	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
GRAIN STANDARDIZATION.		
Out of Washington—Continued.		
1 assistant in grain standardization.....	\$1,800	
4 assistants in grain standardization, at \$1,500 each.....	6,000	
1 assistant in grain standardization.....	1,440	
3 assistants in grain standardization, at \$1,380 each.....	4,140	
1 aid in grain standardization.....	1,200	
3 aids in grain standardization, at \$1,020 each.....	3,060	
3 aids in grain standardization, at \$960 each.....	2,880	
1 aid in grain standardization.....	780	
1 collaborator in grain standardization.....	1	
1 aid in grain standardization, at \$85 per month (1 month).....	85	
1 draftsman, at \$75 per month (3 months).....	225	
2 aids in grain standardization, at \$75 per month each.....	1,800	
1 clerk, at \$60 per month (5 months).....	300	
2 collaborators in grain standardization, at \$10 per month each.....	240	
2 collaborators in grain standardization, at \$5 per month each.....	120	
Total.....	24,071	
SEED TESTING LABORATORIES.		
1 collaborator.....	12	
4 collaborators, at \$1 per month each.....	48	
57 collaborators, at \$3 per diem each (temporary).....	1,425	
Total.....	1,485	
CEREAL INVESTIGATIONS.		
1 scientific assistant in agronomy.....	1,800	
1 farm superintendent.....	1,800	
1 scientific assistant in agronomy.....	1,620	
1 agent.....	1,620	
1 plant physiologist.....	1,620	
1 assistant in grain investigations.....	1,440	
1 scientific assistant in grain investigations.....	1,400	
1 agent.....	1,380	
3 agents, at \$1,200 each.....	3,600	
1 agent, at \$100 per month (6 months).....	600	
2 scientific assistants in agronomy, at \$1,200 each.....	2,400	
1 special agent.....	1,000	
1 agent.....	1,000	
3 collaborators, at \$300 each.....	900	
1 collaborator.....	1	
1 teamster, at \$70 per month.....	840	
1 unskilled laborer, at \$70 per month (3 months).....	210	
1 unskilled laborer, at \$60 per month (4 months).....	240	
1 unskilled laborer, at \$60 per month (3 months).....	180	
1 unskilled laborer, at \$55 per month (6 months).....	330	
1 agent, at \$50 per month.....	600	
2 collaborators, at \$25 per month.....	600	
7 collaborators, at \$1 per month each.....	84	
1 agent, at \$3 per diem (313 days).....	939	
1 agent, at \$2.50 per diem (60 days).....	150	
2 unskilled laborers, at \$1.50 per diem each (250 days).....	750	
1 unskilled laborer, at \$1.25 per diem (280 days).....	350	
Total.....	27,454	
TOBACCO INVESTIGATIONS.		
1 crop technologist.....	2,250	
1 crop technologist.....	1,620	
1 expert.....	1,620	
2 assistants in tobacco investigations, at \$1,500 each.....	3,000	
1 expert.....	1,500	
1 assistant in tobacco investigations.....	1,400	
1 special agent.....	1,200	
2 assistants in tobacco investigations, at \$1,200 each.....	2,400	
3 collaborators, at \$300 each.....	900	
1 unskilled laborer, at \$60 per month (7 months).....	420	
2 unskilled laborers, at \$35 per month each (6 months).....	420	
2 unskilled laborers, at \$30 per month each (6 months).....	360	
3 collaborators, at \$25 per month each.....	900	
1 collaborator, at \$1 per month (4 months).....	4	
Total.....	17,994	
FORAGE CROP INVESTIGATIONS.		
1 scientific assistant in agronomy.....	1,440	
1 assistant.....	1,440	
1 collaborator.....	1	
1 agent, at \$100 per month (6½ months).....	650	
1 agent, at \$100 per month (3 months).....	300	
1 agent, at \$70 per month (5 months).....	350	
1 agent, at \$60 per month (5 months).....	300	
1 unskilled laborer, at \$30 per month (5 months).....	150	
1 collaborator, at \$25 per month.....	300	
1 collaborator, at \$25 per month (4 months).....	100	
1 unskilled laborer, at \$22.50 per month (temporary).....	112	
4 collaborators, at \$1 per month each.....	48	
1 unskilled laborer, at \$2 per diem (200 days).....	400	
1 unskilled laborer, at \$1.75 per diem (200 days).....	350	
1 collaborator, at 50 cents per hour (86 days).....	301	
1 collaborator, at \$8 per month.....	96	
Total.....	6,338	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

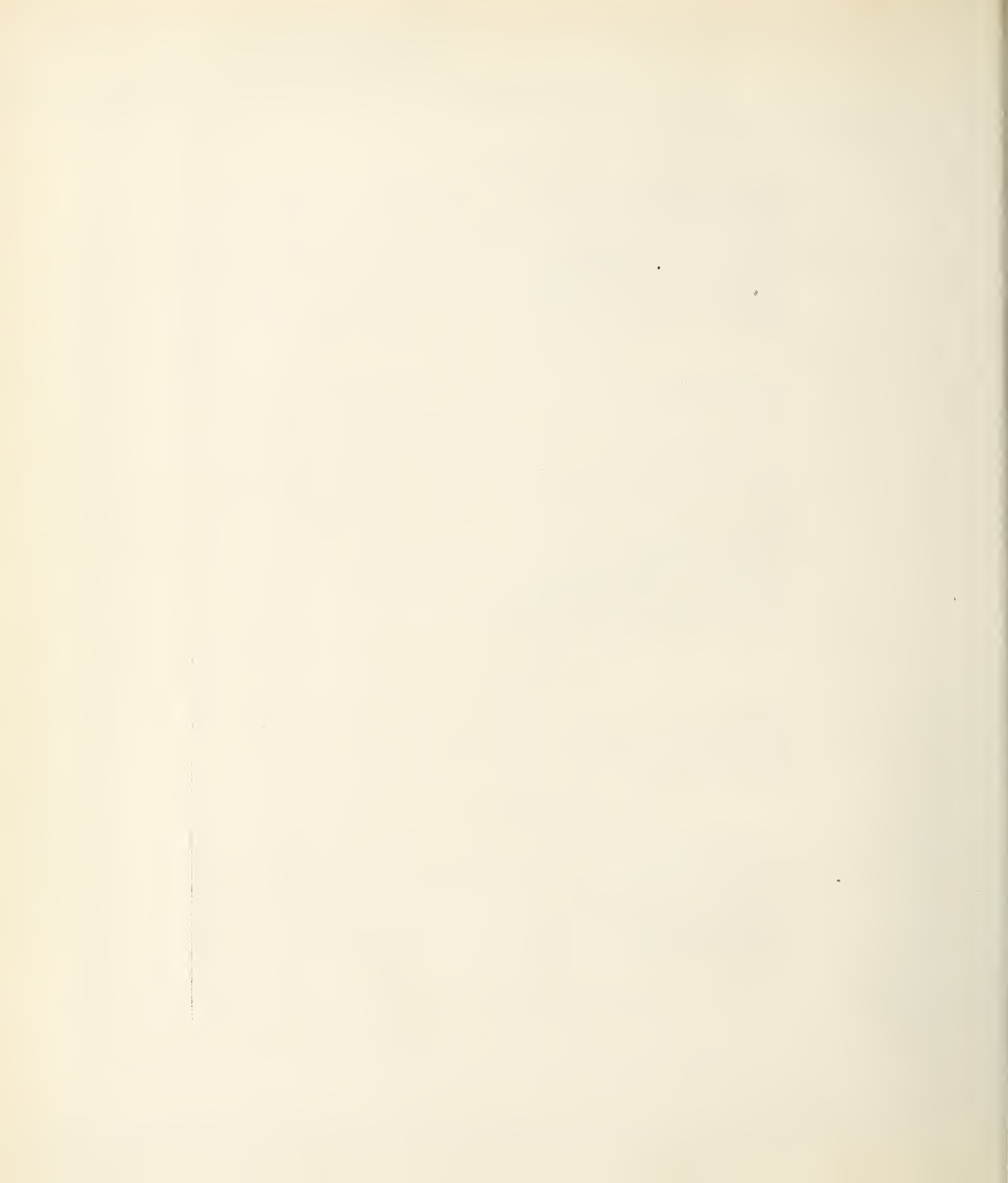
General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
PAPER PLANT INVESTIGATIONS.		
Out of Washington—Continued.		
1 collaborator, at \$3 per diem (313 days).....	\$939	
1 collaborating clerk, at 25 cents per hour (100 hours).....	25	
Total.....	964	
ALKALI AND DROUGHT RESISTANT PLANTS.		
1 agent, at \$120 per month (4 months).....	480	
1 agent, at \$85 per month (4 months).....	340	
1 agent, at \$70 per month.....	840	
1 unskilled laborer, at \$50 per month (4 months).....	200	
3 unskilled laborers, at \$2 per diem each (104 days).....	624	
Total.....	2,484	
SUGAR PLANT INVESTIGATIONS.		
1 pathologist.....	2,750	
1 scientific assistant in plant pathology.....	1,620	
1 scientific assistant in plant pathology.....	1,000	
1 expert, at \$125 per month (3 months).....	375	
1 agent, at \$75 per month (3 months).....	225	
1 unskilled laborer, at \$50 per month (6 months).....	300	
Total.....	6,270	
FARM MANAGEMENT.		
1 agriculturist.....	2,520	
1 agriculturist.....	2,220	
1 assistant agriculturist.....	2,220	
1 scientific assistant in farm management and agronomy.....	2,220	
1 agent.....	2,200	
2 agriculturists, at \$2,000 each.....	4,000	
1 expert.....	2,000	
1 special agent.....	2,000	
1 assistant agriculturist.....	1,800	
1 agent.....	1,800	
1 expert.....	1,800	
1 agent.....	1,700	
1 assistant agriculturist.....	1,620	
1 agent.....	1,620	
1 agent.....	1,500	
1 assistant in farm management.....	1,440	
1 scientific assistant in farm management.....	1,440	
1 assistant farm superintendent.....	1,440	
1 assistant agriculturist.....	1,440	
1 scientific assistant in farm economics.....	1,440	
1 assistant in farm cost accounting.....	1,440	
1 agent.....	1,400	
2 agents, at \$1,300 each.....	2,600	
2 agents, at \$1,275 each.....	2,550	
1 expert.....	1,200	
2 scientific assistants in farm management, at \$1,200 each.....	2,400	
3 agents, at \$1,200 each.....	3,600	
1 agent, at \$100 per month (6 months).....	600	
3 agents, at \$1,100 each.....	3,300	
1 agent.....	1,050	
1 agent.....	1,000	
1 special agent.....	1,000	
2 agents, at \$900 each.....	1,800	
1 assistant agriculturist.....	900	
1 scientific assistant in farm management.....	900	
1 student assistant, at \$25 per month (6 months).....	150	
1 collaborating clerk.....	300	
8 collaborators, at \$1 per annum each.....	8	
1 agent, at \$150 per month (6 months).....	900	
1 expert, at \$150 per month.....	1,800	
1 agent, at \$150 per month (4 months).....	600	
1 agent, at \$140 per month (5 months).....	700	
1 agent, at \$140 per month (9 months).....	1,260	
3 special agents, at \$120 per month each (3 months).....	1,080	
1 agent, at \$120 per month (3 months).....	360	
2 agents, at \$110 per month each (7 months).....	1,540	
1 agent, at \$110 per month (10 months).....	1,100	
1 scientific assistant in farm equipment, at \$100 per month (4½ months).....	450	
1 agent, at \$100 per month.....	1,200	
1 agent, at \$80.55 per month (temporary).....	725	
1 agent, at \$80 per month.....	960	
1 agent, at \$80 per month (10 months).....	800	
1 assistant in farm economics, at \$65 per month (3 months).....	195	
5 agents, at \$40 per month each (2 months).....	400	
1 agent, at \$30 per month.....	230	
5 collaborators, at \$25 per month each.....	1,500	
1 special agent, at \$20 per month.....	240	
4 collaborators, at \$1 per month each.....	48	
1 assistant agriculturist, at \$5 per diem (20 days).....	100	
1 agent, at \$5 per diem (70 days).....	350	
1 scientific assistant in farm management, at \$5 per diem (180 days).....	900	
1 unskilled laborer, at \$1.50 per diem (104 days).....	156	
1 unskilled laborer, at \$1.20 per diem (temporary).....	125	
1 assistant agriculturist, at 75 cents per hour (52 days).....	273	
1 expert, at 60 cents per hour (temporary).....	655	
1 collaborating clerk, at 40 cents per hour (100 days).....	280	
1 collaborating clerk, at 30 cents per hour (140 days).....	294	
1 collaborating clerk, at 25 cents per hour (160 days).....	280	
1 unskilled laborer, at 17 cents per hour (temporary).....	125	
Total.....	84,374	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
UTILIZATION OF CACTI AND DRY LAND PLANTS.		
Out of Washington—Continued.		
1 botanical artist.....	\$1,200	
1 fence rider, at \$25 per month.....	300	
Total.....	1,500	
FARMERS' COOPERATIVE DEMONSTRATION WORK.		
1 special agent.....	3,000	
1 agent.....	2,400	
2 agents, at \$2,400 each.....	4,800	
3 agents, at \$2,200 each.....	6,600	
3 special agents, at \$2,000 each.....	6,000	
5 agents, at \$2,000 each.....	10,000	
4 agents, at \$1,800 each.....	7,200	
1 agent.....	1,680	
2 special agents, at \$1,500 each.....	3,000	
3 special agents, at \$1,350 each.....	4,140	
10 agents, at \$1,350 each.....	13,500	
1 special agent.....	1,320	
1 agent.....	1,080	
1 agent.....	900	
1 agent.....	700	
2 agents, at \$660 each.....	1,320	
5 agents, at \$500 each.....	2,500	
6 agents, at \$400 each.....	2,400	
399 collaborators, at \$1 per annum each.....	399	
2 special agents, at \$125 per month each.....	3,000	
2 agents, at \$115 per month each.....	2,760	
5 agents, at \$100 per month each.....	6,000	
2 agents, at \$100 per month each (9 months).....	1,800	
1 agent, at \$90 per month.....	1,080	
1 agent, at \$90 per month (10 months).....	900	
1 agent, at \$87.50 per month.....	1,050	
1 agent, at \$87.50 per month (10 months).....	875	
1 agent, at \$87.50 per month (temporary).....	787	
1 agent, at \$85 per month (10 months).....	850	
1 agent at \$81.25 per month (temporary).....	731	
1 agent, at \$80 per month (9 months).....	720	
1 agent, at \$75 per month.....	900	
1 agent, at \$75 per month (11 months).....	825	
1 agent, at \$75 per month (10 months).....	750	
72 agents, at \$75 per month each (9 months).....	48,600	
3 agents, at \$75 per month each (8 months).....	1,800	
4 agents, at \$70 per month each (9 months).....	2,520	
1 agent, at \$70 per month (8½ months).....	595	
10 agents, at \$62.50 per month each (9 months).....	5,625	
1 agent, at \$57.50 per month.....	690	
1 agent, at \$56.25 per month (temporary).....	506	
1 agent.....	655	
15 agents, at \$50 per month each.....	9,000	
12 agents, at \$50 per month each (10 months).....	6,000	
25 agents, at \$50 per month each (9 months).....	11,250	
1 agent, at \$45 per month.....	540	
3 agents, at \$45 per month each (11 months).....	1,455	
6 agents, at \$45 per month each (10 months).....	2,700	
1 agent, at \$45 per month (8 months).....	360	
1 agent, at \$43.75 per month (temporary).....	481	
1 agent, at \$43.75 per month (temporary).....	394	
1 agent, at \$42.50 per month (10 months).....	425	
1 agent.....	500	
4 agents, at \$40 per month each.....	1,920	
4 agents, at \$40 per month each (11 months).....	1,760	
14 agents, at \$40 per month each (10 months).....	5,600	
33 agents, at \$40 per month each (9 months).....	11,880	
27 agents, at \$37.50 per month each.....	12,150	
2 agents, at \$37.50 per month each (11 months).....	825	
16 agents, at \$37.50 per month each (10 months).....	6,000	
38 agents, at \$37.50 per month each (9 months).....	12,825	
1 agent, at \$37.50 per month (8 months).....	300	
3 agents, at \$35 per month each.....	1,260	
3 agents, at \$35 per month each (10 months).....	1,050	
1 agent, at \$35 per month (9 months).....	315	
1 agent.....	400	
1 agent, at \$33.33 per month (temporary).....	333	
1 agent, at \$32.50 per month (10 months).....	325	
5 agents, at \$30 per month each.....	1,500	
3 agents, at \$30 per month each (11 months).....	990	
12 agents, at \$30 per month each (10 months).....	3,600	
2 agents, at \$30 per month each (9 months).....	540	
1 agent, at \$28 per month.....	336	
1 agent, at \$25 per month.....	300	
5 collaborating clerks, at \$25 per month each.....	1,500	
1 collaborating clerk, at \$25 per month (10 months).....	250	
8 agents, at \$25 per month each.....	2,400	
1 agent, at \$25 per month (11 months).....	275	
2 agents, at \$25 per month each (9 months).....	450	
12 collaborators, at \$25 per month each.....	3,600	
1 collaborator, at \$25 per month (11 months).....	275	
18 collaborators, at \$25 per month each (10 months).....	4,500	
6 collaborators, at \$25 per month each (9 months).....	1,350	
1 collaborator, at \$20 per month.....	240	
18 collaborators, at \$20 per month each (10 months).....	3,600	
4 collaborators, at \$20 per month each (9 months).....	720	
1 collaborating clerk, at \$20 per month.....	240	
1 collaborator, at \$15 per month.....	180	
2 collaborators, at \$15 per month each (10 months).....	300	
2 collaborating clerks, at \$15 per month each.....	360	
2 collaborating clerks, at \$12 per month each.....	288	
1 collaborator, at \$10 per month.....	120	
1 collaborator, at \$10 per month (10 months).....	100	
4 collaborating clerks, at \$10 per month each.....	480	
Total.....	276,120	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
DRY LAND AGRICULTURE.		
Out of Washington—Continued.		
1 expert.....	\$2,500	
2 assistants in dry land agriculture, at \$1,800 each.....	3,600	
1 scientific assistant in agronomy.....	1,800	
2 farm superintendents, at \$1,800 each.....	3,600	
1 assistant in dry land agriculture.....	1,680	
1 assistant in dry land agriculture.....	1,620	
6 assistants in dry land agriculture, at \$1,380 each.....	8,280	
5 assistants in dry land agriculture, at \$1,200 each.....	6,000	
5 unskilled laborers, at \$60 per month each (8 months).....	2,400	
3 unskilled laborers, at \$55 per month each (8 months).....	1,320	
6 unskilled laborers, at \$50 per month each (8 months).....	2,400	
1 unskilled laborer, at \$32.50 per month (8 months).....	260	
2 caretakers and mess cooks, at \$25 per month each (8 months).....	400	
1 caretaker and mess cook, at \$15 per month (8 months).....	120	
1 unskilled laborer, at 25 cents per hour (temporary).....	156	
Total.....	36,126	
WESTERN IRRIGATION AGRICULTURE.		
1 assistant in crop acclimatization.....	2,500	
1 farm superintendent.....	2,100	
1 assistant agriculturist.....	1,800	
4 farm superintendents, at \$1,800 each.....	7,200	
1 expert.....	1,620	
1 expert.....	1,500	
1 scientific assistant in pomology.....	1,440	
1 farm superintendent.....	1,440	
1 scientific assistant in horticulture.....	1,200	
1 expert, at \$100 per month (3 months).....	300	
2 assistants in dry land agriculture, at \$1,200 each.....	2,400	
1 assistant in arboriculture.....	1,020	
2 farm teamsters, at \$75 per month each (8 months).....	1,200	
1 farm teamster, at \$75 per month (6 months).....	450	
1 clerk.....	900	
2 unskilled laborers, at \$540 each.....	1,080	
2 collaborators, at \$300 each.....	600	
1 unskilled laborer, at \$20 per month (8 months).....	160	
1 unskilled laborer, at \$75 per month (8 months).....	600	
13 unskilled laborers, at \$60 per month each (8 months).....	6,240	
3 unskilled laborers, at \$35 per month each (8 months).....	840	
1 unskilled laborer, at \$32.50 per month (6 months).....	195	
1 caretaker and mess cook, at \$25 per month (9 months).....	225	
1 caretaker and mess cook, at \$20 per month (9 months).....	180	
1 unskilled laborer (charwoman), at \$20 per month (9 months).....	180	
1 expert, at \$5 per diem (30 days).....	150	
4 unskilled laborers, at \$2.50 per diem each (208 days).....	2,080	
Total.....	39,600	
POMOLOGICAL INVESTIGATIONS.		
1 physiologist.....	2,750	
1 viticultural superintendent.....	1,500	
1 expert.....	1,380	
1 collaborator.....	12	
1 consulting pomologist.....	1	
1 agent, at \$75 per month (2 months).....	150	
1 expert in fruit breeding, at \$50 per month.....	600	
1 collaborator, at \$15 per month.....	180	
1 collaborator, at \$2 per month.....	24	
Total.....	6,597	
ARLINGTON FARM AND HORTICULTURE.		
1 assistant horticulturist.....	2,100	
1 assistant horticulturist.....	1,800	
1 scientific assistant in horticulture.....	1,500	
1 assistant farm superintendent.....	1,440	
1 scientific assistant in horticulture.....	1,200	
3 student assistants, at \$25 per month each (6 months).....	450	
1 unskilled laborer, at \$50 per month.....	600	
1 unskilled laborer, at \$45 per month (6 months).....	270	
1 collaborator, at \$10 per month (3 months).....	30	
1 collaborator, at \$8 per month.....	96	
1 collaborator, at \$2.50 per month.....	30	
3 unskilled laborers, at \$2 per diem each (104 days).....	624	
24 unskilled laborers, at \$1.50 per diem each (130 days).....	4,680	
Total.....	14,820	
ADMINISTRATIVE AND MISCELLANEOUS.		
1 collaborator.....	1	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>			
NOTE 3.—In accordance with the provisions of section 6 of the sundry civil act approved Aug. 24, 1912 (Public, 302), the following matter relative to the foregoing appropriation is submitted:			
(1914: \$2,099,680.)	GENERAL EXPENSES, BUREAU OF PLANT INDUSTRY.	(1912: \$1,441,536.)	
Pathological Laboratory, 1914, \$30,000.	Pathological Laboratory, 1912, \$23,105.		
	(Original subappropriation of \$22,930 increased by transfer of \$175 from other subappropriations.)		
ESTIMATED.	EXPENDED.		
Salaries..... \$19,240.00	Salaries..... \$17,910.39		
As follows:	As follows:		
1 pathologist in charge, at \$4,000.	1 pathologist in charge, at \$4,000.		
1 mycologist, at \$2,000.	1 mycologist, at \$2,000.		
1 assistant pathologist, at \$1,660.	1 expert, at \$1,800.		
2 scientific assistants, at \$1,620 each.	1 assistant pathologist, at \$1,680.		
1 assistant physiologist, at \$1,440.	2 scientific assistants, at \$1,620 each.		
1 scientific assistant, at \$1,440.	1 scientific assistant, at \$1,440.		
1 scientific assistant, at \$1,200.	1 scientific assistant, at \$1,200.		
1 scientific assistant, at \$1,020.	1 scientific assistant, at \$1,020.		
1 assistant in mycology, at \$1,020.	1 assistant, at \$1,020.		
1 expert, at \$1,800.	1 assistant physiologist, at \$480.		
Temporary assistants, \$600.	1 student assistant, at \$300.		
	1 collaborator, at \$1.		
Traveling expenses..... 500.00	Traveling expenses..... 202.86		
Supplies and equipment..... 9,000.00	Supplies and equipment..... 4,671.54		
Miscellaneous expenses..... 1,260.00	Miscellaneous expenses..... 37.59		
Total estimate, 1914..... 30,000.00	Total expenditures, 1912..... 22,822.38		
Total appropriation, 1913..... 25,000.00			
Increase..... 5,000.00			
Activities:	Activities:		
Laboratory of Plant Pathology..... 22,350.00	Laboratory of Plant Pathology..... 16,205.36		
Pathological collections..... 7,650.00	Pathological collections..... 6,617.02		
Total..... 30,000.00	Total..... 22,822.38		
Fruit diseases, 1914, \$45,435.	Fruit diseases, 1912, \$39,825.		
	(Original subappropriation of \$42,075 decreased by transfer of \$2,250 to other subappropriations.)		
ESTIMATED.	EXPENDED.		
Salaries..... \$32,690.00	Salaries..... \$24,784.61		
As follows:	As follows:		
1 pathologist in charge, at \$3,240.	1 pathologist in charge, at \$3,000.		
1 pathologist, at \$3,000.	1 plant pathologist, at \$2,760.		
1 pathologist, at \$2,750.	1 plant pathologist, at \$2,750.		
1 pathologist, at \$2,220.	1 assistant pathologist, at \$1,800.		
1 pathologist, at \$2,040.	1 expert, at \$2,100.		
3 assistant pathologists, at \$1,800 each.	1 expert, at \$1,620.		
1 botanical artist, at \$1,800.	1 scientific assistant, at \$1,620.		
4 scientific assistants, at \$1,620 each.	1 scientific assistant, at \$1,440.		
3 scientific assistants, at \$1,440 each.	2 scientific assistants, at \$1,500 each.		
1 agent, at \$1,440.	3 scientific assistants, at \$1,440 each.		
	2 scientific assistants, at \$1,200 each.		
	1 scientific assistant, at \$1,080.		
	3 agents, at \$1,200 each.		
	1 agent, at \$900.		
	1 clerk, stenographer, and typewriter, at \$900.		
	1 unskilled laborer, at \$240.		
	1 unskilled laborer, at \$720.		
	1 unskilled laborer, at \$480.		
	1 unskilled laborer, at \$1.75 per day.		
	1 collaborator, at \$0.50 per hour.		
Traveling expenses..... 8,745.00	Traveling expenses..... 7,255.40		
Supplies and equipment..... 3,000.00	Supplies and equipment..... 5,237.61		
Miscellaneous expenses..... 1,000.00	Miscellaneous expenses..... 306.26		
Total estimate, 1914..... 45,435.00	Total expenditures, 1912..... 37,603.88		
Total appropriation, 1913..... 40,675.00			
Increase (\$240 transferred to statutory roll)..... 4,760.00			
Activities:	Activities:		
Office and laboratory..... 2,800.00	Office and laboratory..... 6,738.00		
General orchard diseases..... 10,965.00	Pear blight investigation and eradication..... 2,443.30		
Citrus and subtropical fruit diseases..... 5,640.00	Little peach and peach yellows investigations..... 250.00		
Grape and small fruit diseases..... 10,010.00	General orchard diseases..... 8,484.39		
Spraying demonstrations and experiments..... 11,820.00	Apple spraying..... 6,615.99		
Physiological fruit diseases..... 4,200.00	Peach and plum rot..... 3,885.58		
Total..... 45,435.00	Grape and small fruit diseases..... 8,171.31		
	Citrus fruit diseases..... 1,015.31		
	Total..... 37,603.88		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>			
Forest pathology, 1914, \$29,510.			
ESTIMATED.			
Salaries.....	\$13,850.00		
As follows:			
3 forest pathologists, at \$2,400 each.			
1 forest pathologist, at \$1,980.			
2 forest pathologists, at \$1,800 each.			
1 forest pathologist, at \$1,200.			
2 scientific assistants, at \$1,200 each.			
1 messenger, at \$360.			
2 forest assistants, at \$1,620 each.			
Traveling expenses.....	7,000.00		
Supplies and equipment.....	6,000.00		
Miscellaneous expenses.....	2,660.00		
Total estimate, 1914.....	29,510.00		
Total appropriation, 1913.....	29,510.00		
Activities:			
Office and laboratory.....	610.00		
Diseases of ornamental and shade trees.....	2,060.00		
Pathological problems in wood preservation.....	5,640.00		
Forest tree diseases.....	21,200.00		
Total.....	29,510.00		
Cotton and truck diseases, 1914, \$30,000.			
ESTIMATED.			
Salaries.....	\$20,970.00		
As follows:			
1 pathologist in charge, at \$2,750.			
1 assistant pathologist, at \$1,800.			
1 scientific assistant, at \$1,500.			
1 pathologist, at \$2,000.			
1 assistant pathologist, at \$2,000.			
1 physiologist, at \$2,040.			
2 agents, at \$600 each.			
1 expert, at \$1,800.			
1 pathologist, at \$2,240.			
1 scientific assistant, at \$1,620.			
1 scientific assistant, at \$1,400.			
1 agent, at \$1,000.			
1 collaborator, at \$240.			
1 assistant, at \$1,400.			
Temporary assistants, \$600.			
Traveling expenses.....	4,800.00		
Supplies and equipment.....	2,500.00		
Miscellaneous expenses.....	1,730.00		
Total estimate, 1914.....	30,000.00		
Total appropriation, 1913.....	22,000.00		
Increase.....	8,000.00		
Activities:			
Office and laboratory.....	1,805.00		
Cotton diseases.....	7,815.00		
Truck crop diseases.....	17,810.00		
Forage crop diseases.....	2,570.00		
Total.....	30,000.00		
Forest pathology, 1912, \$27,110.			
(Original subappropriation of \$24,670 increased by transfer of \$2,440 from other subappropriations.)			
EXPENDED.			
Salaries.....	\$20,798.44		
As follows:			
1 pathologist, at \$2,760.			
1 pathologist, at \$2,400.			
1 pathologist, at \$1,980.			
1 forest pathologist, at \$2,400.			
2 forest pathologists, at \$1,800 each.			
1 assistant pathologist, at \$1,620.			
1 forest assistant, at \$1,620.			
1 expert, at \$2,100.			
1 expert, at \$1,620.			
1 expert, at \$142 per month.			
1 expert in forest pathology, at \$1,800.			
1 agent, at \$1,500.			
1 agent, at \$1,080.			
1 scientific assistant, at \$1,020.			
2 clerks, stenographers and typewriters, at \$1,000 each.			
1 student assistant, at \$300.			
1 collaborator, at \$1 per month.			
1 collaborator, at \$25 per month.			
Traveling expenses.....	4,572.79		
Supplies and equipment.....	974.00		
Miscellaneous expenses.....	152.27		
Total expenditures, 1912.....	26,497.50		
Activities:			
Office and laboratory.....	3,226.95		
Diseases of ornamental trees.....	7,064.22		
Diseases of timber.....	1,833.17		
Forest tree diseases.....	11,280.69		
Diseases of forest nursery stock.....	3,092.47		
Total.....	26,497.50		
Cotton and truck diseases, 1912, \$24,860.			
EXPENDED.			
Salaries.....	\$15,125.85		
As follows:			
1 pathologist, at \$2,750.			
1 assistant pathologist, at \$1,800.			
1 physiologist, at \$2,040.			
1 assistant physiologist, at \$1,500.			
1 expert, at \$2,100.			
1 expert, at \$1,800.			
1 scientific assistant, at \$1,620.			
1 scientific assistant, at \$1,380.			
1 scientific assistant, at \$1,200.			
1 scientific assistant, at \$720.			
2 agents, at \$1,200 each.			
1 agent, at \$1,000.			
1 agent, at \$500.			
1 agent, at \$4 per diem.			
1 German translator, at \$900.			
1 clerk, stenographer and typewriter, at \$900.			
1 laboratory aid, at \$360.			
3 student assistants, at \$300 each.			
2 collaborators, at \$300 each.			
1 collaborator, at \$240.			
24 collaborators, at \$12 each.			
Traveling expenses.....	4,773.58		
Supplies and equipment.....	4,214.66		
Miscellaneous expenses.....	193.77		
Total expenditures, 1912.....	24,307.86		
Activities:			
Office and laboratory.....	2,408.92		
Cotton diseases.....	5,373.93		
Truck crop diseases.....	14,705.58		
Forage crop diseases.....	880.80		
Plant disease survey.....	938.63		
Total.....	24,307.86		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
General Expenses, Bureau of Plant Industry—Continued.			
Crop physiology, 1914, \$36,580.		Crop physiology, 1912, \$36,315. (Original subappropriation of \$33,015 increased by transfer of \$3,300 from other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$18,396.00	Salaries.....	\$19,717.80
As follows:		As follows:	
1 physiologist, at \$3,240.		1 physiologist, at \$3,240.	
1 arboriculturist, at \$2,520.		1 arboriculturist, at \$2,520.	
1 assistant plant breeder, at \$1,620.		1 assistant plant breeder, at \$1,620.	
1 botanical assistant, at \$1,500.		1 expert, at \$1,800.	
1 expert, at \$1,500.		1 expert, at \$5 per day.	
2 assistants in arboriculture, at \$1,380 each.		1 special agent, at \$4 per day.	
1 teamster, at \$960.		1 assistant, at \$1,140.	
1 laboratory aid, at \$840.		2 assistants, at \$1,000 each.	
1 special agent, at \$720.		1 assistant, at \$900.	
2 special agents, at \$600 each.		1 botanical translator, at \$1,500.	
1 special agent, at \$300.		1 agent, at \$5 per day.	
4 student assistants, at \$300 each.		2 agents, at \$720 each.	
3 collaborators, at \$12 each.		1 skilled mechanic, at \$960.	
		1 farm teamster, at \$960.	
		3 collaborators, at \$12 each.	
		1 unskilled laborer, at \$600.	
		1 unskilled laborer, at \$1.50 per day.	
		7 student assistants, at \$25 per month each.	
		1 laboratory aid, at \$840.	
Traveling expenses.....	7,500.00	Traveling expenses.....	8,925.23
Supplies and equipment.....	7,500.00	Supplies and equipment.....	6,516.96
Miscellaneous expenses.....	3,184.00	Miscellaneous expenses.....	1,122.27
Total estimate, 1914.....	36,580.00	Total expenditures, 1912.....	36,282.26
Total appropriation, 1913.....	30,380.00		
Increase (of this amount, \$1,200 was transferred from "Farm management").....	6,200.00		
Activities:		Activities:	
Office and laboratory.....	2,372.64	Office and laboratory.....	1,373.88
Indian Office cooperation.....	10,021.80	Indian Office cooperation.....	10,583.85
Date culture.....	8,118.80	Date culture.....	10,283.00
Fig culture.....	3,627.80	Fig culture.....	3,854.33
Citrus-breeding work.....	9,021.30	Citrus culture.....	7,350.16
Arboriculture.....	2,585.86	Dry-land arboriculture.....	2,197.75
Miscellaneous.....	831.80	Miscellaneous.....	639.29
Total.....	36,580.00	Total.....	36,282.26
Bacteriology and nutrition, 1914, \$35,305.		Bacteriology and nutrition, 1912, \$26,095. (Original subappropriation of \$26,145 decreased by transfer of \$50 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$25,430.00	Salaries.....	\$15,373.71
As follows:		As follows:	
1 physiologist in charge, at \$2,760.		1 physiologist, at \$2,500.	
1 physiologist in charge, at \$2,500.		1 physiologist, at \$2,160.	
1 physiologist, at \$2,400.		1 physiologist, at \$1,800.	
1 assistant physiologist, at \$1,800.		1 assistant physiologist, at \$1,200.	
1 assistant physiologist, at \$1,200.		1 scientific assistant, at \$1,620.	
1 assistant soil mycologist, at \$1,800.		3 scientific assistants, at \$1,440 each.	
3 scientific assistants, at \$1,800 each.		1 scientific assistant, at \$1,500.	
1 scientific assistant, at \$1,620.		1 scientific assistant, at \$1,200.	
3 scientific assistants, at \$1,440 each.		1 scientific assistant, at \$2.40 per diem.	
2 assistants, at \$1,380 each.		1 clerk, stenographer and typewriter, at \$900.	
3 field assistants, at \$60 per month each.		1 unskilled laborer, at \$50 per month.	
		1 unskilled laborer, at \$1.75 per diem.	
		1 student assistant, at \$25 per month.	
Traveling expenses.....	3,850.00	Traveling expenses.....	2,971.18
Supplies and equipment.....	4,643.00	Supplies and equipment.....	6,367.31
Miscellaneous expenses.....	1,382.00	Miscellaneous expenses.....	414.67
Total estimate, 1914.....	35,305.00	Total expenditures, 1912.....	25,126.87
Total appropriation, 1913.....	26,145.00		
Increase (\$840 transferred to seed-testing laboratories).....	9,160.00		
Activities:		Activities:	
Administrative work.....	2,170.00	Laboratory and office.....	6,851.76
The distribution and study of legume bacteria.....	9,720.00	Investigations of water purification..	328.75
Investigations in soil bacteriology.....	16,065.00	The distribution and study of legume bacteria.....	1,969.76
Plant nutrition investigations.....	7,350.00	Investigations in soil bacteriology....	9,445.11
		Plant nutrition investigations.....	6,531.49
Total.....	35,305.00	Total.....	25,126.87

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
General Expenses, Bureau of Plant Industry—Continued.			
Crop acclimatization, 1914, \$43,300.		Crop acclimatization, 1912, \$34,670.	
ESTIMATED.		EXPENDED.	
Salaries.....	\$27,800.00	Salaries.....	\$24,183.42
As follows:		As follows:	
1 bionomist in charge, at \$3,500.		1 bionomist in charge, at \$3,000.	
1 botanist, at \$2,400.		1 botanist, at \$2,220.	
2 agents, at \$1,800 each.		1 assistant botanist, at \$2,000.	
1 agent, at \$720.		1 special agent, at \$2,250.	
1 expert, at \$2,400.		1 agent, at \$2,040.	
1 expert, at \$720.		1 agent, at \$1,800.	
1 scientific assistant, at \$1,680.		1 agent, at \$1,600.	
1 scientific assistant, at \$1,200.		1 agent, at \$1,080.	
2 scientific assistants, at \$1,000 each.		1 agent, at \$900.	
1 scientific assistant, at \$900.		1 agent, at \$720.	
3 scientific assistants, at \$720 each.		1 assistant, at \$1,000.	
1 assistant in crop acclimatization, at \$1,600.		1 assistant, at \$960.	
1 assistant in crop acclimatization, at \$1,440.		1 scientific assistant, at \$1,440.	
1 assistant in crop acclimatization, at \$1,200.		1 scientific assistant, at \$1,200.	
2 student assistants, at \$300 each.		1 scientific assistant, at \$900.	
5 collaborators, at \$12 each.		1 clerk, stenographer and typewriter, at \$900.	
2 laborers, at \$600 each.		1 expert, at \$720.	
1 laborer, at \$420.		1 laborer, at \$480.	
		1 unskilled laborer, at \$1,000.	
Traveling expenses.....	11,715.00	1 unskilled laborer, at \$720.	
Supplies and equipment.....	2,500.00	1 unskilled laborer, at \$1.25 per diem.	
Miscellaneous expenses.....	1,285.00	1 unskilled laborer, at \$0.15 per hour.	
		1 collaborator, at \$300.	
		1 collaborating clerk, at \$120.	
		1 student assistant, at \$300.	
		Traveling expenses.....	8,052.76
		Supplies and equipment.....	1,239.84
		Miscellaneous expenses.....	836.01
Total estimate, 1914.....	43,300.00	Total expenditures, 1912.....	34,312.03
Total appropriation, 1913.....	33,300.00		
Increase.....	10,000.00		
Activities:		Activities:	
Office and laboratory.....	1,684.00	Office and laboratory.....	2,247.83
Acclimatization, adaptation, and breeding of cotton.....	31,366.00	Acclimatization and adaptation of cotton.....	14,217.14
Acclimatization and adaptation of corn.....	6,800.00	Cotton breeding.....	9,076.13
Acclimatization and adaptation of tropical plants.....	3,450.00	Acclimatization and adaptation of corn.....	5,493.18
		Acclimatization and adaptation of tropical plants.....	3,277.75
Total.....	43,300.00	Total.....	34,312.03
Drug and other plants, 1914, \$58,330.		Drug and other plants, 1912, \$46,255.	
		(Original subappropriation of \$46,930 decreased by transfer of \$675 to other subappropriations).	
ESTIMATED.		EXPENDED.	
Salaries.....	\$41,172.00	Salaries.....	\$34,051.50
As follows:		As follows:	
1 physiologist in charge, at \$3,240.		1 physiologist, at \$3,240.	
2 physiologists, at \$2,400 each.		1 physiologist, at \$2,400.	
1 physiologist, at \$2,220.		1 physiologist, at \$2,220.	
1 physiologist, at \$1,500.		1 physiologist, at \$1,500.	
1 chemical biologist, at \$2,750.		1 assistant physiologist, at \$2,400.	
4 chemical biologists, at \$1,800 each.		1 chemical biologist, at \$2,750.	
1 chemical biologist, at \$1,620.		1 chemical biologist, at \$1,800.	
1 expert, at \$1,800.		1 chemical biologist, at \$1,560.	
1 expert, at \$1,200.		1 chemical biologist, at \$1,500.	
1 scientific assistant, at \$1,800.		1 chemical biologist, at \$1,200.	
2 scientific assistants, at \$1,620 each.		1 assistant botanist, at \$1,800.	
3 scientific assistants, at \$1,500 each.		1 assistant, at \$1,800.	
1 scientific assistant, at \$1,200.		1 expert, at \$1,800.	
1 assistant, at \$1,020.		1 expert, at \$1,200.	
1 agent, at \$900.		1 scientific assistant, at \$1,620.	
1 collaborator, at \$25 per month.		1 scientific assistant, at \$1,500.	
1 collaborator, at \$1 per month.		1 scientific assistant, at \$1,380.	
Temporary field laborers, \$1,870.		1 scientific assistant, at \$1,200.	
		1 laboratory assistant, at \$1,020.	
Traveling expenses.....	6,593.00	1 special agent, at \$900.	
Supplies and equipment.....	9,840.00	1 collaborator, at \$300.	
Miscellaneous expenses.....	725.00	1 collaborator, at \$12.	
		1 student assistant, at \$300.	
		2 unskilled laborers, at \$600 each.	
		2 unskilled laborers, at \$720 each.	
		Traveling expenses.....	4,807.45
		Supplies and equipment.....	5,162.04
		Miscellaneous expenses.....	522.31
Total estimate, 1914.....	58,330.00	Total expenditures, 1912.....	44,543.30
Total appropriation, 1913.....	46,930.00		
Increase (\$600 transferred to statutory roll).....	11,400.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
General Expenses, Bureau of Plant Industry—Continued.			
Activities:		Activities:	
Office and laboratory.....	\$4,477.00	Office and laboratory.....	\$2,018.41
Drug and related plants and their products.....	25,415.33	Tannin and dye plants.....	990.00
Poisonous plant investigations.....	12,393.00	Testing gardens.....	6,209.86
Investigations in plant physiology and fermentation.....	16,044.67	Camphor.....	2,042.12
		Hops.....	3,828.48
		Physiological and fermentation investigations.....	9,512.38
		Laboratory investigations of drug and other related plants.....	1,245.36
		Perfumery.....	2,076.55
		Poisonous plants.....	12,846.97
		Miscellaneous.....	3,773.17
Total.....	58,330.00	Total.....	44,543.30
Crop technology, 1914, \$10,010.		Crop technology, 1912, \$11,671.	
		(Original subappropriation of \$10,610 increased by transfer of \$1,061 from other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$8,203.33	Salaries.....	\$3,008.83
As follows:		As follows:	
1 crop technologist, at \$4,000.		1 botanist in charge, at \$2,760.	
1 expert, at \$2,760.		1 expert, at \$2,760.	
1 botanist, at \$2,760.		1 special agent, at \$1,200.	
1 agent, at \$1,440.		1 assistant, at \$600.	
1 expert, at \$1,980.		8 student assistants, at \$300 each.	
Temporary assistants, \$300.		1 laboratory aid, at \$600.	
Traveling expenses.....	730.00	1 laboratory aid, at \$480.	
Supplies and equipment.....	400.00	Traveling expenses.....	1 511.99
Miscellaneous expenses.....	676.67	Supplies and equipment.....	1,308.76
		Miscellaneous expenses.....	175.48
Total estimate, 1914.....	10,010.00	Total expenditures, 1912.....	11,005.06
Total appropriation, 1913.....	10,010.00		
Activities:		Activities:	
Agricultural technology investigations.....	4,080.00	Agricultural technology investigations.....	4,982.20
Fiber plant investigations.....	5,930.00	Fiber plant investigations.....	6,022.86
Total.....	10,010.00	Total.....	11,005.06
Cotton standardization, 1914, \$39,120.		Cotton standardization, 1912, \$29,115.	
		(Original subappropriation of \$32,350 decreased by transfer of \$3,235 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$20,500.00	Salaries.....	\$12,012.34
As follows:		As follows:	
1 crop technologist in charge, at \$4,000.		1 crop technologist, at \$4,000.	
1 physiologist, at \$2,400.		1 physiologist, at \$2,280.	
1 scientific assistant, at \$1,800.		1 expert, at \$2,000.	
2 cotton technologists, at \$2,000 each.		1 expert, at \$1,980.	
1 expert, at \$2,220.		1 clerk, stenographer and typewriter, at \$1,200.	
1 crop technologist, at \$2,000.		1 scientific assistant, at \$1,600.	
1 agent, at \$100 per month.		1 mechanic, at \$1,200.	
1 agent, at \$300.		1 clerk, at \$900.	
1 assistant in marketing, at \$1,500.		2 map tracers, at \$720 each.	
1 assistant in cotton seed milling, at \$1,400.		4 laboratory aids, at \$600 each.	
Temporary assistants, \$2,000.		2 unskilled laborers, at \$45 per month each.	
Traveling expenses.....	5,800.00	1 unskilled laborer, at \$60 per month.	
Supplies and equipment.....	8,000.00	2 unskilled laborers, at \$2 per diem each.	
Miscellaneous expenses.....	4,820.00	1 collaborator, at \$25.	
		Traveling expenses.....	3,923.47
Total, estimate 1914.....	39,120.00	Supplies and equipment.....	7,545.72
Total appropriation, 1913.....	26,000.00	Miscellaneous expenses.....	1,399.53
Increase (\$3,180 transferred to statutory roll).....	13,120.00	Total expenditures, 1912.....	24,881.06
Activities:		Activities:	
Cotton standardization and grading..	14,120.00	Farmers' cooperative cotton handling and marketing work.....	1,911.20
Farmers' cooperative cotton handling and marketing.....	25,000.00	Cotton standardization and grading..	22,969.86
Total.....	39,120.00	Total.....	24,881.06

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>			
Grain standardization, 1914, \$75,640.		Grain standardization, 1912, \$57,050.	
ESTIMATED.		EXPENDED.	
Salaries.....	\$45,210.00	Salaries.....	\$35,261.02
As follows:		As follows:	
1 crop technologist in charge, at \$2,750.		1 crop technologist in charge, at \$2,460.	
1 assistant in grain standardization, at \$2,500.		1 assistant, at \$1,740.	
1 assistant in grain standardization, at \$1,950.		4 assistants, at \$1,500 each.	
1 assistant in grain standardization, at \$1,900.		1 assistant, at \$1,440.	
6 assistants in grain standardization, at \$1,500 each.		2 assistants, at \$1,380 each.	
3 assistants in grain standardization, at \$1,440 each.		6 assistants, at \$1,200 each.	
3 assistants in grain standardization, at \$1,390 each.		1 assistant, at \$1,140.	
1 assistant in grain standardization, at \$1,140.		1 assistant, at \$1,020.	
1 assistant in library science, at \$1,020.		1 aid, at \$1,080.	
1 aid in grain standardization, at \$1,200.		3 aids, at \$1,020 each.	
2 aids in grain standardization, at \$1,080 each.		4 aids, at \$960 each.	
4 aids in grain standardization, at \$1,020 each.		4 aids, at \$900 each.	
3 aids in grain standardization, at \$960 each.		1 aid, at \$840.	
1 aid in grain standardization, at \$900.		1 aid, at \$780.	
1 aid in grain standardization, at \$840.		1 aid, at \$600.	
1 aid in grain standardization, at \$780.		1 scientific assistant, at \$1,020.	
1 collaborator, at \$120.		1 scientific assistant, at \$1,000.	
4 clerks, at \$900 each.		2 clerk-typewriters, at \$900 each.	
		3 clerk-typewriters, at \$720 each.	
		5 student assistants, at \$25 per month each.	
		1 clerk, stenographer and typewriter, at \$75 per month.	
		1 clerk, stenographer and typewriter, at \$70 per month.	
		1 clerk, stenographer and typewriter, at \$65 per month.	
		1 clerk, at \$780.	
		1 clerk, at \$720.	
		1 laboratory aid, at \$720.	
		1 helper, at \$900.	
		1 laborer, at \$720.	
		2 collaborators, at \$120 each.	
		1 collaborator, at \$25 per month.	
		1 collaborator, at \$15 per month.	
		1 collaborator, at \$1.	
Traveling expenses.....	5,900.00	Traveling expenses.....	11,058.33
Supplies and equipment.....	4,400.00	Supplies and equipment.....	6,037.13
Miscellaneous expenses.....	20,130.00	Miscellaneous expenses.....	4,463.12
Total estimates, 1914.....	75,640.00	Total expenditures, 1912.....	56,819.60
Total appropriation, 1913.....	55,640.00		
Increase.....	20,000.00		
Activities:		Activities:	
Office and laboratory.....	5,600.00	Office and laboratory.....	10,896.28
Grain handling, grading, and transportation.....	70,040.00	Grain transportation and storage.....	10,434.84
		Grain handling and grading investigations.....	26,915.27
		Standardization of grain grades.....	5,411.52
		Miscellaneous investigations.....	3,161.69
Total.....	75,640.00	Total.....	56,819.60
Physical investigations, 1914, \$23,655.		Physical investigations, 1912, \$16,323.	
		(Original subappropriation of \$16,375 decreased by transfer of \$52 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$13,680.00	Salaries.....	\$9,673.25
As follows:		As follows:	
1 biophysicist in charge, at \$3,000.		1 physicist in charge, at \$3,000.	
2 assistants, at \$2,040 each.		1 laboratory assistant, at \$1,680.	
1 laboratory assistant, at \$1,680.		1 laboratory assistant, at \$1,620.	
1 laboratory assistant, at \$1,620.		1 assistant, at \$1,800.	
2 assistants, at \$1,200 each.		1 agent, at \$80 per month.	
1 clerk, at \$900.		1 clerk, stenographer and typewriter, at \$900.	
		1 unskilled laborer, at \$2 per diem.	
		1 laboratory apprentice, at \$720.	
Traveling expenses.....	3,400.00	Traveling expenses.....	1,787.42
Supplies and equipment.....	5,575.00	Supplies and equipment.....	4,225.04
Miscellaneous expenses.....	1,000.00	Miscellaneous expenses.....	502.86
Total estimate, 1914.....	23,655.00	Total expenditures, 1912.....	16,188.57
Total appropriation, 1913.....	15,655.00		
Increase.....	8,000.00		
Activities:		Activities:	
Office and laboratory.....	1,824.00	Office.....	1,853.63
Cooperative biophysical investigations—		Physical field investigations.....	7,364.90
(a) Moisture conservation investigations.....	6,750.00	Physical laboratory investigations.....	6,970.04
(b) Citrus malnutrition investigations.....	12,680.00	Total.....	16,188.57
Special biophysical investigations.....	2,401.00		
Total.....	23,655.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>			
Special seeds and plants, 1914.			
(No estimate. Included in "Foreign seed and plant introduction.")	(Original subappropriation of \$13,110 increased by transfer of \$1,096 from other subappropriations.)		
	EXPENDED.		
	Salaries.....	\$9,359.59	
	As follows:		
	1 botanist, at \$1,980.		
	1 botanical assistant, at \$1,800.		
	1 scientific assistant, at \$1,980.		
	1 agent, at \$1,800.		
	1 scientific assistant, at \$1,800.		
	1 expert, at \$1,200.		
	1 assistant farm superintendent, at \$1,200.		
	1 expert, at \$900.		
	1 laboratory aid, at \$600.		
	1 laborer, at \$720.		
	1 student assistant, at \$300.		
	1 unskilled laborer, at \$2 per diem.		
	1 unskilled laborer, at \$25 per month.		
	5 unskilled laborers, at \$1.50 per diem each.		
	1 unskilled laborer, at \$720.		
	Traveling expenses.....	2,048.22	
	Supplies and equipment.....	2,016.73	
	Miscellaneous expenses.....	517.01	
	Total expenditures, 1912.....	13,941.55	
	Activities:		
	Miami plant introduction garden.....	4,534.10	
	Plant inventory and record.....	5,123.65	
	Miscellaneous seeds and plants.....	3,485.87	
	Special seeds and plants.....	797.93	
	Total.....	13,941.55	
Seed-testing laboratories, 1914, \$29,370.	Seed-testing laboratories, 1912, \$27,470.		
	(Original subappropriation of \$26,650 increased by transfer of \$820 from other subappropriations.)		
	ESTIMATED.		
Salaries.....	\$19,570.00		
As follows:			
1 botanist in charge, at \$2,750.			
1 assistant botanist, at \$2,220.			
1 scientific assistant at \$1,620.			
2 scientific assistants, at \$1,440 each.			
1 scientific assistant, at \$1,380.			
6 scientific assistants, at \$1,200 each.			
1 scientific assistant, at \$1,020.			
50 collaborators, at \$10 each.			
Traveling expenses.....	2,000.00		
Supplies and equipment.....	5,000.00		
Miscellaneous expenses.....	2,800.00		
Total estimate, 1914.....	29,370.00		
Total appropriation, 1913.....	23,530.00		
Increase (\$840 of this transferred from bacteriology and nutrition).....	5,840.00		
Activities:			
Office and laboratory.....	3,800.00		
Seed testing.....	12,560.00		
Seed purity and vitality investigations.....	6,410.00		
Adulterated seed investigations.....	6,600.00		
Total.....	29,370.00		
	EXPENDED.		
Salaries.....	\$20,995.26		
As follows:			
1 botanist in charge, at \$2,500.			
1 assistant botanist, at \$1,980.			
1 scientific assistant, at \$1,620.			
1 scientific assistant, at \$1,380.			
4 scientific assistants, at \$1,200 each.			
7 scientific assistants, at \$1,020 each.			
1 laboratory aid, at \$1,080.			
2 laboratory aids, at \$1,020 each.			
1 laboratory aid, at \$480.			
1 laboratory aid, at \$720.			
4 student assistants, at \$300 each.			
1 unskilled laborer, at \$2 per diem.			
6 collaborators, at \$1 per month each.			
77 collaborators, at \$3 per diem each.			
Traveling expenses.....	3,089.88		
Supplies and equipment.....	2,170.85		
Miscellaneous expenses.....	285.82		
Total expenditures, 1912.....	26,541.81		
Activities:			
Office.....	868.25		
Seed testing.....	13,373.68		
Pure seed investigations.....	3,454.19		
Seed vitality investigations.....	1,914.41		
Adulterated seed investigations.....	6,931.28		
Total.....	26,541.81		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>			
Cereal investigations, 1914, \$104,925.		Grain investigations, 1912, \$78,444.	
(Original subappropriation of \$77,925 increased by transfer of \$519 from other subappropriations.)			
ESTIMATED.	EXPENDED.		
Salaries..... \$82,575.00	Salaries..... \$55,755.09		
As follows:	As follows:		
1 acting cerealist in charge, at \$2,520.	1 cerealist in charge, at \$3,240.		
1 physiologist, at \$2,400.	2 agronomists, at \$2,280 each.		
1 agronomist, at \$2,400.	1 agronomist, at \$2,000.		
1 agronomist, at \$2,280.	1 agronomist, at \$1,620.		
4 agronomists, at \$1,980 each.	1 assistant agronomist, at \$1,800.		
1 pathologist, at \$2,220.	1 assistant agronomist, at \$1,620.		
1 expert, at \$1,980.	1 physiologist, at \$2,000.		
1 assistant physiologist, at \$2,100.	1 assistant physiologist, at \$1,800.		
1 assistant physiologist, at \$1,980.	1 assistant physiologist, at \$1,680.		
1 farm superintendent, at \$1,800.	1 plant physiologist, at \$1,440.		
1 physiologist, at \$1,620.	1 pathologist, at \$1,800.		
1 assistant pathologist, at \$1,620.	1 expert, at \$2,400.		
1 assistant pathologist, at \$1,200.	1 expert, at \$1,620.		
2 scientific assistants, at \$1,900 each.	1 scientific assistant, at \$1,980.		
1 scientific assistant, at \$1,620.	1 scientific assistant, at \$1,800.		
5 scientific assistants, at \$1,440 each.	1 scientific assistant, at \$1,620.		
1 scientific assistant, at \$1,400.	1 scientific assistant, at \$1,440.		
3 scientific assistants, at \$1,320 each.	1 scientific assistant, at \$1,400.		
13 scientific assistants, at \$1,200 each.	2 scientific assistants, at \$1,200 each.		
1 assistant, at \$1,440.	3 assistants, at \$1,200 each.		
1 assistant, at \$1,200.	1 assistant plant pathologist, at \$1,440.		
1 agent, at \$1,620.	1 farm superintendent, at \$1,620.		
1 agent, at \$1,000.	1 assistant farm superintendent, at \$1,440.		
1 agent, at \$600.	\$1,440.		
1 collaborator, at \$1,200.	1 special agent, at \$1,620.		
5 collaborators, at \$900 each.	1 special agent, at \$1,440.		
7 collaborators, at \$12 each.	1 special agent, at \$1,000.		
1 collaborator, at \$1.	1 agent, at \$1,380.		
2 clerks and stenographers, at \$840 each.	3 agents, at \$1,200 each.		
Farm labor, \$6,830.	1 agent, at \$90 per month.		
	2 agents, at \$1,000 each.		
	1 agent, at \$75 per month.		
	1 agent, at \$600.		
	1 agent, at \$3 per day.		
	2 clerks, stenographers and typewriters, at \$75 per month each.		
	1 clerk, at \$840.		
	7 collaborators, at \$25 per month each.		
	8 collaborators, at \$1 per month each.		
	4 unskilled laborers, at \$60 per month each.		
	1 unskilled laborer, at \$55 per month.		
	1 unskilled laborer, at \$50 per month.		
	1 unskilled laborer, at \$45 per month.		
	4 unskilled laborers, at \$2.50 per day each.		
	1 unskilled laborer, at \$2 per day.		
	1 unskilled laborer, at \$1.75 per day.		
	3 unskilled laborers, at \$1.50 per day each.		
	2 unskilled laborers, at \$1.25 per day each.		
	1 laborer, at \$1.50 per day each.		
Traveling expenses..... 12,785.00	Traveling expenses..... 17,915.42		
Supplies and equipment..... 8,615.00	Supplies and equipment..... 3,357.30		
Miscellaneous expenses..... 950.00	Miscellaneous expenses..... 1,048.21		
Total estimate, 1914..... 104,925.00	Total expenditures, 1912..... 78,076.02		
Total appropriation, 1913..... 80,765.00			
Increase (\$840 transferred to statutory roll)..... 24,160.00			
Activities:	Activities:		
Office and laboratory..... 9,791.00	Grain investigations—		
Improvement and production of cereal crops and cereal products..... 27,570.00	Laboratory and office..... 2,921.27		
Maintenance of general field stations..... 41,212.00	Wheat investigations..... 4,758.36		
Cereal tillage and rotation studies..... 2,500.00	Oat investigations..... 1,806.39		
Cereal disease investigations..... 6,502.00	Barley investigations..... 4,483.49		
Corn investigations..... 17,350.00	Rice investigations..... 8,201.04		
Total..... 104,925.00	Grain-sorghum investigations..... 3,567.20		
	Miscellaneous grains..... 1,387.44		
	Dry land grain investigations..... 20,354.07		
	Grain experiments in Texas Panhandle..... 3,627.18		
	Relation of cereal crops to crop rotation..... 2,710.98		
	Cereal diseases..... 6,478.89		
	Corn investigations..... 17,779.71		
	Total..... 78,076.02		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>			
Tobacco investigations, 1914, \$31,630.		Tobacco investigations, 1912, \$27,980. (Original subappropriation of \$26,630 increased by transfer of \$1,350 from other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$21,876.67	Salaries.....	\$20,502.50
As follows:		As follows:	
1 physiologist in charge, at \$1,666.67.		1 crop technologist, at \$2,250.	
1 crop technologist, at \$2,250.		1 crop technologist, at \$1,620.	
1 crop technologist, at \$1,620.		1 expert, at \$1,620.	
3 assistants, at \$1,500 each.		1 expert, at \$1,500.	
2 assistants, at \$1,200 each.		1 assistant, at \$1,500.	
1 assistant, at \$1,400.		1 assistant, at \$1,400.	
1 assistant, at \$1,380.		2 assistants, at \$1,200 each.	
5 collaborators, at \$300 each.		1 assistant, at \$1,350.	
1 expert, at \$1,620.		1 scientific assistant, at \$1,440.	
1 special agent, at \$1,200.		1 special agent, at \$1,200.	
1 unskilled laborer, at \$720.		7 collaborators, at \$300 each.	
3 unskilled laborers, at \$420 each.		1 collaborator, at \$1 per month.	
1 unskilled laborer, at \$360.		1 unskilled laborer, at \$40 per month.	
		4 unskilled laborers, at \$35 per month each.	
		1 unskilled laborer, at \$30 per month.	
		1 unskilled laborer, at \$25 per month.	
		1 unskilled laborer, at \$1 per day.	
Traveling expenses.....	6,675.00	Traveling expenses.....	4,843.49
Supplies and equipment.....	2,257.46	Supplies and equipment.....	979.58
Miscellaneous expenses.....	820.87	Miscellaneous expenses.....	324.55
Total estimate, 1914.....	31,630.00	Total expenditures, 1912.....	26,650.12
Total appropriation, 1913.....	26,630.00		
Increase.....	5,000.00		
Activities:		Activities:	
Office and laboratory.....	3,296.00	Office and laboratory.....	2,086.09
Connecticut Valley tobacco investigations.....	2,775.00	Connecticut Valley tobacco investigations.....	3,235.26
New York tobacco investigations.....	1,735.00	Maryland tobacco investigations.....	2,009.91
Ohio tobacco investigations.....	1,550.00	Kentucky tobacco investigations.....	2,014.25
Maryland tobacco investigations.....	1,225.00	Ohio tobacco investigations.....	1,539.30
Virginia tobacco investigations.....	4,150.00	New York tobacco investigations.....	1,722.19
North Carolina tobacco investigations.....	5,450.00	Virginia tobacco investigations.....	4,437.49
Kentucky and Tennessee tobacco investigations.....	5,258.00	Texas tobacco investigations.....	252.84
South Carolina tobacco investigations.....	3,525.00	North Carolina tobacco investigations.....	4,743.82
Pennsylvania tobacco investigations.....	2,666.00	Pennsylvania tobacco investigations.....	2,182.58
Total.....	31,630.00	South Carolina tobacco investigations.....	2,426.39
Forage-crop investigations, 1914, \$35,000.		Total.....	26,650.12
ESTIMATED.		EXPENDED.	
Salaries.....	\$23,720.00	Salaries.....	\$8,963.12
As follows:		As follows:	
1 agrostologist, at \$3,000.		1 agronomist, at \$2,000.	
1 assistant agrostologist, at \$1,800.		1 assistant botanist, at \$1,800.	
1 agronomist in charge of clover investigations, at \$2,400.		1 assistant agrostologist, at \$1,620.	
1 agronomist in charge of alfalfa investigations, at \$2,500.		1 assistant, at \$1,440.	
3 scientific assistants, at \$1,620 each.		1 expert, at \$2,100.	
4 scientific assistants, at \$1,440 each.		1 scientific assistant, at \$1,620.	
1 scientific assistant, at \$1,200.		1 scientific assistant, at \$1,380.	
1 special agent, at \$1,200.		2 scientific assistants, at \$1,200 each.	
Farm labor, \$1,000.		1 agent, at \$100 per month.	
		1 agent, at \$70 per month.	
		1 agent, at \$60 per month.	
		1 clerk, at \$50 per month.	
		1 unskilled laborer, at \$60 per month.	
		1 unskilled laborer, at \$30 per month.	
		1 unskilled laborer, at \$25 per month.	
		1 unskilled laborer, at \$22.50 per month.	
		3 unskilled laborers, at \$2 per diem each.	
		2 collaborators, at \$25 per month each.	
		5 collaborators, at \$1 per month each.	
		1 collaborator, at \$1 per annum.	
		1 collaborator, at \$0.50 per hour.	
		1 collaborator, at \$0.25 per hour.	
		1 agent, at \$75 per month.	
Traveling expenses.....	5,200.00	Traveling expenses.....	5,602.83
Supplies and equipment.....	5,602.00	Supplies and equipment.....	2,804.31
Miscellaneous expenses.....	478.00	Miscellaneous expenses.....	121.69
Total estimate, 1914.....	35,000.00	Total expenditures, 1912.....	17,491.95
Total appropriation, 1913.....	20,000.00		
Increase.....	15,000.00		
Activities:		Activities:	
Office administration.....	2,250.00	Administration.....	1,044.41
Grass investigations.....	5,250.00	Dry land forage crop investigation.....	3,938.46
Alfalfa investigations.....	7,250.00	Grass investigations.....	3,405.41
Clover investigations.....	6,500.00	Alfalfa and clover investigations.....	6,374.53
Dry land forage crop investigations.....	6,250.00	Miscellaneous forage crop investigations.....	2,729.14
Miscellaneous forage crop investigations.....	7,500.00	Total.....	17,491.95
Total.....	35,000.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>			
Paper plant investigations, 1914, \$10,840.			
ESTIMATED.			
Salaries.....	\$4,075.00		
As follows:			
1 physiologist in charge, at \$2,400.			
1 crop technologist, at \$2,000.			
1 paper chemist, at \$1,620.			
1 collaborator, at \$200.			
1 collaborating clerk, at \$55.			
Traveling expenses.....	2,000.00		
Supplies and equipment.....	2,500.00		
Miscellaneous expenses.....	2,265.00		
Total estimate, 1914.....	10,840.00		
Total appropriation, 1913.....	12,580.00		
Decrease (due to transfers to statutory roll).....	1,740.00		
Activities:			
Paper plant investigations (total)....	10,840.00		
Alkali and drought resistant plant breeding, 1914, \$19,280.			
ESTIMATED.			
Salaries.....	\$13,515.00		
As follows:			
1 physiologist in charge, at \$2,760.			
1 physiologist, at \$2,520.			
1 assistant physiologist, at \$1,620.			
1 agent, at \$120 per month.			
1 agent, at \$85 per month.			
1 agent, at \$70 per month.			
Temporary farm labor, at \$4,800.			
Traveling expenses.....	3,240.00		
Supplies and equipment.....	2,000.00		
Miscellaneous expenses.....	525.00		
Total estimate, 1914.....	19,280.00		
Total appropriation, 1913.....	18,140.00		
Increase (\$720 transferred to statutory roll).....	1,140.00		
Activities:			
Breeding and physiology of alkali and drought resistant plants.....	14,280.00		
Egyptian cotton breeding and alkali resistance investigations in the arid Southwest.....	5,000.00		
Total.....	19,280.00		
Sugar-plant investigations, 1914, \$38,595.			
ESTIMATED.			
Salaries.....	\$23,158.00		
As follows:			
1 pathologist in charge, at \$2,750.			
1 physiologist, at \$2,520.			
1 assistant pathologist, at \$1,680.			
1 pathologist, at \$2,750.			
1 pathologist, at \$2,040.			
1 physiologist, at \$2,280.			
1 scientific assistant, at \$1,800.			
1 assistant chemist, at \$1,800.			
2 scientific assistants, at \$1,620 each.			
1 assistant, at \$1,560.			
1 scientific assistant, at \$1,000.			
Temporary assistants, \$1,488.			
Traveling expenses.....	3,138.66		
Supplies and equipment.....	2,129.77		
Miscellaneous expenses.....	726.34		
Total estimate, 1914.....	38,595.00		
Total appropriation, 1913.....	37,450.00		
Increase (\$1,145 transferred to statutory roll).....	1,145.00		
Activities:			
Office and laboratory.....	270.17		
Breeding alkali and drought resistant plants.....	12,756.91		
Egyptian cotton breeding.....	3,924.36		
Total.....	38,595.00		
Paper plant investigations, 1912, \$8,800.			
(Original subappropriation of \$8,000 increased by transfer of \$800 from other subappropriations.)			
EXPENDED.			
Salaries.....	\$1,330.00		
As follows:			
1 physiologist, at \$2,280.			
Traveling expenses.....	3,674.36		
Supplies and equipment.....	1,932.39		
Miscellaneous expenses.....	1,306.38		
Total expenditures, 1912.....	8,243.13		
Activities:			
Paper plant investigations (total)....	8,243.13		
Alkali and drought resistant plant breeding, 1912, \$18,140.			
EXPENDED.			
Salaries.....	\$10,956.67		
As follows:			
1 physiologist, at \$2,760.			
1 plant physiologist, at \$2,520.			
1 assistant plant pathologist, at \$1,440.			
1 scientific assistant, at \$75 per month.			
1 assistant, at \$1,380.			
1 assistant, at \$1,020.			
1 laboratory aid, at \$720.			
1 agent, at \$120 per month.			
1 agent, at \$85 per month.			
1 agent, at \$37.50 per month.			
1 student assistant, at \$25 per month.			
4 unskilled laborers, at \$60 per month each.			
2 unskilled laborers, at \$50 per month each.			
3 unskilled laborers, at \$2 per day each.			
1 unskilled laborer, at \$60 per month.			
Traveling expenses.....	3,138.66		
Supplies and equipment.....	2,129.77		
Miscellaneous expenses.....	726.34		
Total expenditures, 1912.....	16,951.44		
Activities:			
Office and laboratory.....	270.17		
Breeding alkali and drought resistant plants.....	12,756.91		
Egyptian cotton breeding.....	3,924.36		
Total.....	16,951.44		
Sugar-plant investigations, 1912, \$31,515.			
(Original subappropriation of \$32,355 decreased by transfer of \$840 to other subappropriations.)			
EXPENDED.			
Salaries.....	\$19,466.43		
As follows:			
1 pathologist in charge, at \$2,750.			
1 pathologist, at \$2,750.			
1 plant physiologist, at \$2,400.			
1 assistant pathologist, at \$1,800.			
1 assistant pathologist, at \$1,560.			
1 expert, at \$2,000.			
1 assistant chemist, at \$1,800.			
2 scientific assistants, at \$1,620 each.			
1 scientific assistant, at \$1,380.			
1 scientific assistant, at \$1,000.			
1 assistant, at \$1,560.			
1 clerk, stenographer and typewriter, at \$1,000.			
1 laboratory aid, at \$720.			
1 greenhouse assistant, at \$25 per month.			
3 unskilled laborers, at \$60 per month each.			
1 unskilled laborer, at \$2 per day.			
1 collaborator, at \$25 per month.			
3 collaborators, at \$1 per month each.			
Traveling expenses.....	3,138.66		
Supplies and equipment.....	2,129.77		
Miscellaneous expenses.....	726.34		
Total expenditures, 1912.....	31,515.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
General Expenses, Bureau of Plant Industry—Continued.			
Traveling expenses.....	\$7,286.00	Traveling expenses.....	\$6,241.48
Supplies and equipment.....	6,915.00	Supplies and equipment.....	4,641.68
Miscellaneous expenses.....	1,236.00	Miscellaneous expenses.....	808.67
Total estimate, 1914.....	38,595.00	Total expenditures, 1912.....	31,158.26
Total appropriation, 1913.....	35,795.00		
Increase (\$2,200 transferred to statutory roll).....	2,800.00		
Activities:		Activities:	
Office and laboratory.....	3,835.00	Office and laboratory.....	4,705.20
Sugar beet investigations.....	28,685.00	Diseases of the sugar beet.....	7,268.32
Sugar cane investigations.....	5,000.00	Culture of the sugar beet.....	8,066.94
Minor sugar plant investigations.....	1,075.00	Improvement of the sugar beet.....	8,161.12
		Investigation of the progress of the sugar beet industry.....	842.40
		Miscellaneous sugar producing plants.....	2,114.28
Total.....	38,595.00	Total.....	31,158.26
Taxonomic and range investigations, 1914, \$26,930.		Taxonomic and range investigations, 1912, \$20,430.	
		(Original subappropriation of \$21,930 decreased by transfer of \$1,500 to other subappropriations.)	
ESTIMATED.		EXPENDED	
Salaries.....	\$20,660.00	Salaries.....	\$16,006.25
As follows:		As follows:	
1 botanist in charge, at \$3,500.		1 botanist in charge, at \$3,500.	
1 systematic agrostologist, at \$2,760.		1 botanist, at \$1,980.	
1 assistant curator, at \$1,980.		1 assistant botanist, at \$1,800.	
1 assistant botanist, at \$1,800.		1 assistant botanist, at \$1,400.	
1 assistant, at \$1,800.		1 assistant agrostologist, at \$2,760.	
1 scientific assistant, at \$1,700.		1 assistant curator, at \$1,980.	
1 scientific assistant in systematic agrostology, at \$1,620.		1 scientific assistant, at \$1,700.	
1 assistant botanist, at \$1,400.		1 assistant, at \$1,800.	
1 expert, at \$1,200.		1 scientific assistant, at \$1,380.	
1 systematic botanist, at \$2,500.		1 expert, at \$1,800.	
1 artist, at \$1,000.		1 expert, at \$1,200.	
		1 expert, at \$900.	
Traveling expenses.....	2,800.00	1 collaborator, at \$25 per mo.	
Supplies and equipment.....	1,530.00	1 unskilled laborer, at \$1.75 per day.	
Miscellaneous expenses.....	1,940.00	Traveling expenses.....	1,951.23
Total estimate, 1914.....	26,930.00	Supplies and equipment.....	1,878.02
Total appropriation, 1913.....	21,930.00	Miscellaneous expenses.....	77.13
Increase.....	5,000.00	Total expenditures, 1912.....	19,912.63
Activities:			
Office and laboratory.....	4,486.00	Activities:	
Range investigations.....	5,008.00	Office and laboratory.....	2,509.99
Economic botany of native races.....	4,871.00	Forest grazing.....	1,087.50
Botany of economic grasses.....	5,715.00	Economic botany of native plant races.....	3,361.71
Systematic work in economic botany.....	6,850.00	Botany of economic grasses.....	5,489.30
		Systematic work in economic botany.....	6,265.79
		Flora of Alaska.....	583.00
		Bibliographical investigations.....	615.34
Total.....	26,930.00	Total.....	19,912.63
Farm management, 1914, \$435,700.		Farm management, 1912, \$142,920.	
ESTIMATED.		EXPENDED.	
Salaries.....	\$371,835.00	Salaries.....	\$94,025.32
As follows:		As follows:	
1 agriculturist, at \$4,000.		1 agriculturist in charge, at \$4,000.	
3 agriculturists, at \$3,000 each.		1 agriculturist, at \$2,520.	
1 agriculturist, at \$2,760.		1 agriculturist, at \$2,460.	
1 agriculturist, at \$2,700.		2 agriculturists, at \$2,220 each.	
4 agriculturists, at \$2,520 each.		2 agriculturists, at \$1,980 each.	
1 agriculturist, at \$2,500.		1 agriculturist, at \$2,100.	
1 agriculturist, at \$2,460.		1 assistant agriculturist, at \$2,100.	
2 agriculturists, at \$2,400 each.		1 assistant agriculturist, at \$1,980.	
5 agriculturists, at \$2,220 each.		3 assistant agriculturists, at \$1,800 each.	
5 agriculturists, at \$2,100 each.		1 assistant agriculturist, at \$1,740.	
1 agriculturist, at \$2,040.		1 assistant agriculturist, at \$1,740.	
4 agriculturists, at \$2,000 each.		1 assistant agriculturist, at \$1,620.	
1 agriculturist, at \$1,450.		1 assistant agriculturist, at \$1,560.	
2 assistant agriculturists, at \$1,980 each.		1 scientific assistant, at \$2,000.	
10 assistant agriculturists, at \$1,800 each.		2 scientific assistants, at \$1,980 each.	
1 assistant agriculturist, at \$1,740.		1 scientific assistant, at \$1,800.	
3 assistant agriculturists, at \$1,620 each.		1 scientific assistant, at \$1,740.	
3 assistant agriculturists, at \$1,600 each.		2 scientific assistants, at \$1,440 each.	
1 assistant agriculturist, at \$1,450.		2 scientific assistants, at \$1,380 each.	
1 assistant agriculturist, at \$1,300.		5 scientific assistants, at \$1,200 each.	
1 assistant agriculturist, at \$1,200.		1 scientific assistant, at \$5 per diem.	
		1 assistant, at \$1,980.	
		1 assistant, at \$1,600.	
		2 assistants, at \$1,200 each.	
		1 assistant, at \$600.	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>			
4 scientific assistants, at \$1,500 each.			
10 scientific assistants, at \$1,440 each.			
1 scientific assistant, at \$1,200.			
1 scientific assistant, at \$360.			
1 rural architect, at \$2,000.			
1 assistant curator, at \$2,100.			
1 fence rider, at \$300.			
1 assistant, at \$1,600.			
4 assistants, at \$1,440 each.			
2 assistants, at \$1,200 each.			
1 assistant farm superintendent, at \$720.			
9 student assistants, at \$40 per month each.			
2 clerks, at \$1,600 each.			
5 clerks, at \$1,200 each.			
7 clerks, at \$1,000 each.			
4 clerks, at \$900 each.			
1 stenographer, at \$1,200.			
3 typewriter operators, at \$900 each.			
1 copyist, at \$900.			
1 flexotype operator, at \$720.			
1 unskilled laborer, at \$600.			
1 janitor, at \$720.			
1 messenger, at \$480.			
2 messengers, at \$360 each.			
1 collaborator, at \$300.			
4 collaborating clerks, at \$300 each.			
1 collaborating clerk, at \$180.			
1 expert, at \$1,200.			
1 agent, at \$2,000.			
1 agent, at \$1,900.			
2 agents, at \$1,800 each.			
2 agents, at \$1,700 each.			
5 agents, at \$1,650 each.			
1 agent, at \$1,620.			
4 agents, at \$1,600 each.			
2 agents, at \$1,500 each.			
3 agents, at \$1,450 each.			
2 agents, at \$1,440 each.			
8 agents, at \$1,400 each.			
1 agent, at \$1,350.			
8 agents, at \$1,300 each.			
6 agents, at \$1,250 each.			
75 agents, at \$1,200 each.			
1 agent, at \$1,100.			
7 agents, at \$900 each.			
5 agents, at \$860 each.			
22 agents, at \$800 each.			
1 agent, at \$725.			
2 agents, at \$600 each.			
1 agent, at \$420.			
1 agent, at \$400.			
1 agent, at \$390.			
8 agents, at \$300 each.			
1 special agent, at \$240.			
1 assistant, at \$540.			
1 assistant, at \$300.			
1 executive assistant, at \$1,800.			
1 assistant in farm accounting, at \$1,440.			
1 library assistant, at \$1,080.			
1 assistant photographer, at \$900.			
1 expert, at \$2,520.			
2 experts, at \$2,000 each.			
3 experts, at \$1,800 each.			
1 expert, at \$1,200.			
1 expert, at \$0.60 per hour.			
1 botanical artist, at \$1,200.			
1 artist, at \$0.60 per hour.			
1 assistant curator, at \$2,100.			
1 special agent, at \$2,000.			
1 special agent, at \$1,400.			
1 special agent, at \$1,200.			
1 special agent, at \$1,000.			
1 special agent, at \$240.			
1 agent, at \$2,220.			
1 agent, at \$1,800.			
2 agents, at \$1,500 each.			
1 agent, at \$1,440.			
10 agents, at \$1,200 each.			
1 agent, at \$1,080.			
3 agents, at \$1,000 each.			
1 agent, at \$900.			
1 agent, at \$700.			
6 agents, at \$600 each.			
1 agent, at \$360.			
1 agent, at \$5 per month.			
1 clerk, at \$1,400.			
3 clerks, at \$1,200 each.			
1 clerk, at \$900.			
1 clerk, at \$600.			
1 clerk, at \$540.			
1 clerk, stenographer and typewriter, at \$1,200.			
1 clerk-typewriter, at \$1,000.			
2 clerks, stenographers and typewriters, at \$900 each.			
4 clerk-typewriters, at \$720 each.			
7 collaborators, at \$25 per month each.			
1 collaborator, at \$200 per annum.			
2 collaborators, at \$15 per month each.			
6 collaborators, at \$1 per month each.			
5 collaborators, at \$1 per annum each.			
1 collaborating clerk, at \$25 per month.			
1 collaborating clerk, at \$0.40 per hour.			
3 collaborating clerks, at \$0.30 per hour each.			
1 collaborating clerk, at \$0.25 per hour.			
1 student assistant, at \$25 per month.			
1 messenger boy, at \$360.			
2 unskilled laborers, at \$720 each.			
2 unskilled laborers, at \$1.75 per diem each.			
1 unskilled laborer, at \$1.50 per diem.			
1 unskilled laborer, at \$1.20 per diem.			
1 unskilled laborer, at \$0.17 per hour.			
Traveling expenses.....	\$50,713.00	Traveling expenses.....	\$34,345.63
Supplies and equipment.....	6,000.00	Supplies and equipment.....	7,941.89
Miscellaneous expenses.....	7,152.00	Miscellaneous expenses.....	1,153.51
Total estimate, 1914.....	435,700.00	Total expenditures, 1912.....	137,466.35
Total appropriation, 1913.....	300,000.00		
Increase.....	135,700.00		
Activities:		Activities:	
Office administration and records....	17,296.00	Administrative and supervisory.....	15,823.95
Farm economies.....	57,200.00	Southern farm management districts.	27,610.87
Special farm management studies....	32,170.00	Northern farm management districts.	30,678.39
Field studies and demonstrations....	315,867.00	Western farm management districts.	10,922.44
Utilization of cacti and dry land plants.....	13,167.00	Farm plans.....	103.93
Total.....	435,700.00	Farm economies.....	29,301.97
		Cactus investigations.....	4,301.39
		Range management.....	4,724.80
		Weed investigations.....	4,776.76
		Tillage investigations.....	2,314.63
		Hay investigations.....	4,770.49
		Farm practice investigations.....	3,169.28
		Miscellaneous problems.....	2,967.45
		Total.....	137,466.35

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General expenses, Bureau of Plant Industry—Continued.</i>		
Farmers' cooperative demonstration work, 1914, \$407,960.	Farmers' cooperative demonstration work, 1912, \$345,105.	
(Original subappropriation of \$350,000 decreased by transfer of \$4,995 to other subappropriations.)		
ESTIMATED. Salaries..... \$331,814.00	EXPENDED. Salaries..... \$280,248.87	
As follows: Office: 1 special agent in charge, at \$3,750. 1 general assistant, at \$3,000. 1 general agent, at \$2,200. 1 general agent, at \$2,400. 1 agent in charge of school work, at \$2,400. 1 assistant in charge of school work, at \$2,200. 1 field agent, at \$2,000. 1 office assistant, at \$1,600. 2 clerks, at \$1,000 each. 3 clerks, at \$360 each. 400 collaborators, at \$1 each. 1 general agent, at \$2,400. East Texas: 1 State agent, at \$2,200. 1 district agent, at \$1,500. 1 district agent, at \$1,380. 1 district school agent, at \$660. 1 collaborating clerk, at \$300. 1 local agent, at \$499.92. 15 local agents, at \$400 each. 20 local agents, at \$450 each. 2 local agents, at \$600 each. 1 local agent, at \$500. 6 local agents, at \$375 each. 4 local agents, at \$337.50 each. 1 local agent, at \$350. 1 local agent, at \$175. 1 local agent, at \$700. West Texas: 1 State agent, at \$2,000. 1 district agent, at \$1,500. 1 district agent, at \$1,380. 1 collaborating clerk, at \$300. 1 collaborating clerk, at \$120. 1 collaborating clerk, at \$180. 1 district school agent, at \$660. 1 local agent, at \$545. 3 local agents, at \$500 each. 4 local agents, at \$450 each. 2 local agents, at \$437.50 each. 33 local agents, at \$400 each. 26 local agents, at \$375 each. 3 local agents, at \$350 each. 1 local agent, at \$300. 1 local agent, at \$200. 1 local agent, at \$700. Oklahoma: 1 State agent, at \$2,000. 1 district agent, at \$1,380. 1 district agent, at \$1,380. 1 school agent, at \$1,380. 1 collaborating clerk, at \$275. 1 local agent, at \$450. 1 local agent, at \$540. 4 local agents, at \$900 each. 31 local agents, at \$675 each. 1 local agent, at \$360. Louisiana: 1 State agent, at \$2,000. 1 district agent, at \$1,500. 1 district agent, at \$1,500. 1 district agent, at \$1,320. 1 school agent, at \$1,800. 1 collaborating clerk, at \$120. 8 local agents, at \$600 each. 1 local agent, at \$690. 12 local agents, at \$450 each. 1 local agent, at \$500. 1 local agent, at \$787.50. 1 local agent, at \$765. 1 local agent, at \$731.25. 1 local agent, at \$506.25. 2 local agents, at \$675 each. 6 local agents, at \$360 each. 4 local agents, at \$337.50 each. 1 local agent, at \$270. 5 local agents, at \$225 each. 2 local agents, at \$180 each. Arkansas: 1 State agent, at \$1,800. 3 district agents, at \$1,380 each. 1 school agent, at \$1,800. 2 local agents, at \$480 each. 17 local agents, at \$300 each. 1 local agent, at \$240. 12 local agents, at \$500 each.	As follows: 1 special agent in charge, at \$3,500. 1 agent, at \$3,000. 1 agent, at \$2,400. 3 agents, at \$2,200 each. 7 agents, at \$2,000 each. 4 agents, at \$1,800 each. 3 agents, at \$1,500 each. 6 agents, at \$1,350 each. 2 clerks, at \$1,800 each. 1 assistant, at \$1,600. 2 clerks, at \$1,000 each. 2 clerks, at \$900 each. 4 clerks, at \$720 each. 3 clerks, at \$600 each. 1 agent, at \$1,320. 1 agent, at \$1,080. 1 agent, at \$1,000. 1 agent, at \$900. 1 agent, at \$400. 227 collaborators, at \$1 each. 1 agent, at \$200 per month. 3 agents, at \$150 per month each. 4 agents, at \$125 per month each. 13 agents, at \$100 per month each. 4 agents, at \$80 per month each. 108 agents, at \$75 per month each. 3 agents, at \$70 per month each. 5 agents, at \$60 per month each. 1 agent, at \$55 per month. 30 agents, at \$50 per month each. 3 agents, at \$45 per month each. 25 agents, at \$40 per month each. 56 agents, at \$37.50 per month each. 2 agents, at \$36 per month each. 1 agent, at \$35 per month. 1 agent, at \$33.33 per month. 15 agents, at \$30 per month each. 3 agents, at \$25 per month each. 1 student assistant, at \$25 per month. 1 collaborating clerk, at \$25 per month. 41 collaborators, at \$25 per month each. 1 collaborating clerk, at \$20 per month. 24 collaborators, at \$20 per month each. 2 collaborating clerks, at \$15 per month each. 5 collaborators, at \$15 per month each. 2 collaborators, at \$10 per month each. 2 collaborating clerks, at \$10 per month each.	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
Arkansas—Continued. 1 local agent, at \$400. 2 local agents, at \$495 each. 3 local agents, at \$275 each. 1 local agent, at \$1,000. 1 local agent, at \$900. 1 local agent, at \$333.30. 1 local agent, at \$720. 3 local agents, at \$675 each. 1 local agent, at \$450. 6 local agents, at \$360 each. 10 local agents, at \$337.50 each. 2 local agents, at \$315 each.		
Mississippi: 1 State agent, at \$2,000. 1 district agent, at \$1,500. 1 district agent, at \$1,680. 1 school agent, at \$1,800. 3 local agents, at \$1,200 each. 1 local agent, at \$1,080. 2 local agents, at \$420 each. 4 local agents, at \$360 each. 2 local agents, at \$300 each. 2 local agents, at \$600 each. 1 local agent, at \$336. 1 local agent, at \$500. 1 local agent, at \$900. 4 local agents, at \$675 each. 1 local agent, at \$630. 15 local agents, at \$450 each. 25 local agents, at \$337.50 each. 1 collaborating clerk, at \$300. 1 collaborating clerk, at \$120. 1 collaborating clerk, at \$180.		
Alabama: 1 State agent, at \$2,000. 1 district agent, at \$1,500. 3 district agents, at \$1,380 each. 1 school agent, at \$1,080. 1 assistant school agent, at \$900. 21 local agents, at \$300 each. 1 local agent, at \$275. 1 local agent, at \$1,050. 1 local agent, at \$875. 2 local agents, at \$450 each. 1 local agent, at \$425. 1 local agent, at \$375. 1 local agent, at \$325. 17 local agents, at \$250 each. 20 local agents, at \$200 each. 2 local agents, at \$150 each. 1 local agent, at \$100. 3 local agents, at \$675 each. 2 local agents, at \$630 each. 1 clerk, at \$600. 1 collaborating clerk, at \$120. 1 collaborating clerk, at \$144. 1 collaborating clerk, at \$110.		
Tennessee: 1 State agent, at \$2,000. 1 district agent, at \$1,200. 2 district agents, at \$1,380 each. 1 school agent, at \$1,800. 1 local agent, at \$300. 34 local agents, at \$360 each. 8 local agents, at \$337.50 each. 1 collaborating clerk, at \$300.		
Florida: 1 State agent, at \$2,000. 1 assistant State agent, at \$1,380. 1 school agent, at \$400. 1 collaborating clerk, at \$300. 24 local agents, at \$675 each. 1 local agent, at \$270.		
Georgia: 1 State agent, at \$1,800. 1 district agent, at \$1,380. 1 district agent, at \$1,200. 1 district agent, at \$1,500. 1 school agent, at \$1,200. 7 local agents, at \$600 each. 14 local agents, at \$400 each. 3 local agents, at \$500 each. 6 local agents, at \$320 each. 1 local agent, at \$531.25. 2 local agents, at \$637.50 each. 1 local agent, at \$595. 9 local agents, at \$531.25 each. 6 local agents, at \$425 each. 6 local agents, at \$340 each. 1 local agent, at \$212.50. 1 collaborating clerk, at \$120. 1 collaborating clerk, at \$240. 1 collaborating clerk, at \$144.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.			Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>				
Traveling expenses.....	\$58,303.28	Traveling expenses.....	\$53,754.16	
Supplies and equipment.....	7,250.80	Supplies and equipment.....	8,158.80	
Miscellaneous expenses.....	10,591.92	Miscellaneous expenses.....	1,032.27	
Total estimate, 1914.....	407,960.00	Total expenditures, 1912.....	343,194.10	
Total appropriation, 1913.....	332,960.00			
Increase.....	75,000.00			
Activities:		Activities:		
Office.....	48,460.00	Office.....	46,735.23	
Demonstration work in east Texas...	33,250.00	Demonstration work in east Texas...	30,676.50	
Demonstration work in west Texas...	41,750.00	Demonstration work in west Texas...	32,618.83	
Demonstration work in Oklahoma...	38,000.00	Demonstration work in Oklahoma...	36,290.42	
Demonstration work in Louisiana...	33,250.00	Demonstration work in Louisiana...	32,002.44	
Demonstration work in Arkansas...	38,750.00	Demonstration work in Arkansas...	33,584.32	
Demonstration work in Mississippi...	41,750.00	Demonstration work in Mississippi...	38,185.73	
Demonstration work in Alabama...	41,000.00	Demonstration work in Alabama...	36,962.11	
Demonstration work in Tennessee...	29,500.00	Demonstration work in Tennessee...	14,018.89	
Demonstration work in Florida.....	23,250.00	Demonstration work in Florida.....	16,080.08	
Demonstration work in Georgia.....	39,000.00	Demonstration work in Georgia.....	26,039.55	
Total.....	407,960.00	Total.....	343,194.10	
Dry land agriculture, 1914, \$125,000.		Dry land agriculture, 1912, \$68,950.		
		(Original subappropriation of \$70,000 decreased by transfer of \$1,050 to other subappropriations.)		
ESTIMATED.		EXPENDED.		
Salaries.....	\$71,420.00	Salaries.....	\$36,264.75	
As follows:		As follows:		
1 agriculturist in charge, at \$4,000.		1 agriculturist, at \$3,000.		
1 assistant, at \$3,500.		1 expert, at \$1,980.		
1 assistant, at \$3,000.		1 expert, at \$1,800.		
2 assistants, at \$2,500 each.		1 scientific assistant, at \$1,620.		
10 assistants, at \$1,800 each.		1 assistant, at \$1,380.		
1 assistant, at \$1,680.		1 assistant, at \$1,000.		
5 assistants, at \$1,620 each.		3 farm superintendents, at \$1,800 each.		
3 assistants, at \$1,500 each.		2 assistants, at \$1,620 each.		
6 assistants, at \$1,380 each.		5 assistants, at \$1,380 each.		
3 assistants, at \$1,200 each.		5 assistants, at \$1,200 each.		
Farm labor, \$11,760.		1 clerk, stenographer and typewriter, at \$1,200.		
		1 architect, at \$125 per month.		
		1 farm teamster, at \$900.		
		2 caretakers and cooks, at \$25 each per month.		
		1 caretaker and mess cook, at \$15 per month.		
		9 unskilled laborers, at \$60 each per month.		
		2 unskilled laborers, at \$55 each per month.		
		10 unskilled laborers, at \$50 each per month.		
		2 unskilled laborers, at \$45 each per month.		
		1 unskilled laborer, at \$32.50 per month.		
		1 unskilled laborer, at \$25 per month.		
		1 unskilled laborer, at \$15 per month.		
		1 unskilled laborer, at \$0.25 per hour.		
		1 collaborator, at \$25 per month.		
Traveling expenses.....	11,500.00	Traveling expenses.....	21,634.28	
Supplies and equipment.....	26,340.00	Supplies and equipment.....	2,779.19	
Miscellaneous expenses.....	10,140.00	Miscellaneous expenses.....	371.87	
Buildings.....	5,600.00			
Total estimate, 1914.....	125,000.00	Total expenditures, 1912.....	61,050.09	
Total appropriation, 1913.....	125,000.00			
Activities:		Activities:		
Office.....	14,940.00	Office.....	11,971.00	
Methods of crop production under dry land conditions.....	75,660.00	Experiment farms—		
Northern Great Plains field station..	35,000.00	Williston, N. Dak.....	947.84	
Total.....	125,000.00	Dickinson, N. Dak.....	1,922.53	
		Edgeley, N. Dak.....	1,337.70	
		Bellefourche, S. Dak.....	1,571.66	
		North Platte, Nebr.....	1,890.07	
		Hays, Kans.....	1,501.54	
		Garden City, Kans.....	2,073.94	
		Akron, Colo.....	6,232.06	
		Amarillo, Tex.....	1,602.68	
		Dalhart, Tex.....	5,929.86	
		Judith Basin, Mont.....	2,172.65	
		Huntley, Mont.....	1,900.61	
		Scottsbluff, Nebr.....	5,435.76	
		Hettinger, N. Dak.....	1,805.04	
		Ardmore, S. Dak.....	7,631.83	
		Tucuman, N. Mex.....	5,123.27	
		Total.....	61,050.09	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>			
Logged-off land investigations, 1914, \$5,000.		(No appropriation in 1912.)	
ESTIMATED.			
Salaries.....	\$3,500.00		
As follows:			
1 expert, at \$2,000.			
1 scientific assistant, at \$1,500.			
Traveling expenses.....	1,000.00		
Supplies and equipment.....	300.00		
Miscellaneous expenses.....	200.00		
Total estimate, 1914.....	5,000.00		
Total appropriation, 1913.....	5,000.00		
Western irrigation agriculture, 1914, \$76,620.		Western agriculture extension, 1912, \$73,540.	
		(Original subappropriation of \$73,060 increased by transfer of \$480 from other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$51,245.00	Salaries.....	\$42,210.87
As follows:		As follows:	
1 agriculturist in charge, at \$3,000.		1 agriculturist, at \$3,000.	
1 assistant, at \$2,280.		1 assistant agriculturist, at \$1,740.	
1 assistant, at \$2,100.		1 agronomist, at \$2,280.	
1 assistant, at \$2,500.		1 expert, at \$2,100.	
6 farm superintendents, at \$1,800 each.		1 expert, at \$1,620.	
1 farm superintendent, at \$1,440.		1 expert, at \$1,500.	
1 expert, at \$1,500.		1 expert, at \$1,200.	
4 assistants to farm superintendents, at \$1,200 each.		2 farm superintendents, at \$1,800 each.	
1 assistant to farm superintendent, at \$1,440.		1 farm superintendent, at \$1,620.	
1 assistant to farm superintendent, at \$1,020.		1 farm superintendent, at \$1,380.	
2 collaborators, at \$300 each.		1 farm superintendent, at \$1,200.	
1 farm teamster, at \$900.		1 assistant botanist, at \$1,400.	
1 unskilled laborer, at \$900.		3 assistants, at \$1,200 each.	
7 unskilled laborers, at \$720 each.		1 assistant, at \$1,200.	
2 unskilled laborers, at \$420 each.		1 agent, at \$2,500.	
Temporary labor, \$11,005.		1 agent, at \$60 per month.	
2 cooks, at \$240 each.		2 scientific assistants, at \$1,200 each.	
2 cooks, at \$300 each.		1 clerk, at \$1,140.	
		2 clerks, at \$1,000 each.	
		1 clerk, at \$900.	
		3 farm teamsters, at \$75 each per month.	
		1 clerk, stenographer and typewriter, at \$900.	
		1 clerk-typewriter, at \$60 per month.	
		1 collaborator, at \$120.	
		1 collaborator, at \$60.	
		2 unskilled laborers, at \$75 each per month.	
		23 unskilled laborers, at \$60 each per month.	
		2 unskilled laborers, at \$50 each per month.	
		3 unskilled laborers, at \$45 each per month.	
		2 unskilled laborers, at \$40 each per month.	
		2 unskilled laborers, at \$35 each per month.	
		1 unskilled laborer, at \$32.50 per month.	
		6 unskilled laborers, at \$20 each per month.	
		1 unskilled laborer, at \$2.50 per day.	
		2 unskilled laborers, at \$2.25 each per day.	
		4 unskilled laborers, at \$2.20 each per day.	
		3 unskilled laborers, at \$2 each per day.	
		1 caretaker and mess cook, at \$25 per month.	
Traveling expenses.....	11,325.00	Traveling expenses.....	26,384.62
Supplies and equipment.....	10,450.00	Supplies and equipment.....	3,433.52
Miscellaneous expenses.....	3,600.00	Miscellaneous expenses.....	693.62
Total estimate, 1914.....	76,620.00	Total expenditures, 1912.....	72,722.63
Total appropriation, 1913.....	69,600.00		
Increase (\$2,980 transferred to statutory roll).....	7,020.00		
Activities:		Activities:	
Office.....	13,380.00	Administrative.....	12,482.66
Irrigation agricultural investigations.....	63,240.00	Experiment farms—	
Total.....	76,620.00	Yuma, Ariz.....	12,093.01
		Tucson-Carson.....	10,851.78
		San Antonio, Tex.....	10,068.55
		Bellevue, S. Dak.....	9,999.30
		Klamath, Oreg.....	2,140.68
		Huntley, Mont.....	8,714.66
		Umatilla, Oreg.....	2,772.66
		Williston, N. Dak.....	1,620.00
		Scottsbluff, Nebr.....	1,979.33
		Total.....	72,722.63

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>			
Pomological investigations, 1914, \$98,595.		Pomological investigations, 1912, \$88,231. (Original subappropriation of \$87,735 increased by transfer of \$496 from other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$57,107.00	Salaries.....	\$46,099.84
As follows:		As follows:	
1 pomologist in charge, at \$3,250.		1 pomologist, at \$3,240.	
1 pomologist, at \$3,240.		1 physiologist, at \$2,750.	
1 physiologist in charge of fruit improvement investigations, at \$3,000.		1 pomologist, at \$2,460.	
1 pomologist in charge of viticultural investigations, at \$2,640.		1 pomologist, at \$2,220.	
1 pomologist in charge of fruit production investigations, at \$2,520.		1 expert, at \$2,750.	
1 expert in refrigeration, at \$2,500.		1 expert, at \$2,280.	
1 expert in fruit transportation and storage investigations, at \$2,400.		2 experts, at \$2,220 each.	
1 assistant pomologist, at \$2,220.		1 expert, at \$1,620.	
1 assistant pomologist, at \$2,000.		1 expert, at \$1,320.	
1 scientific assistant in fruit marketing investigations, at \$2,280.		1 expert, at \$1,200.	
1 assistant pomologist in fruit transportation and storage investigations, at \$2,000.		1 expert, at \$900.	
1 expert in nut culture investigations, at \$1,800.		1 expert, at \$600.	
2 assistant pomologists in fruit transportation and storage investigations, at \$1,800 each.		1 expert in refrigeration, at \$2,220.	
1 viticultural superintendent, at \$1,620.		1 expert in fruit storage, at \$1,500.	
1 expert in refrigeration, at \$1,500.		1 scientific assistant, at \$2,000.	
5 scientific assistants in pomology, at \$1,440 each.		1 scientific assistant, at \$1,620.	
1 expert or assistant in viticultural investigations, at \$1,380.		1 scientific assistant, at \$1,500.	
3 scientific assistants in pomology, at \$1,200 each.		1 scientific assistant, at \$1,449.	
1 assistant in pomology, at \$1,200.		5 scientific assistants, at \$1,200 each.	
1 scientific assistant in pomology, at \$1,080.		1 scientific assistant, at \$900.	
1 expert in pomological breeding investigations, at \$600.		2 assistant botanists, at \$1,800 each.	
1 student assistant, at \$300.		1 viticultural superintendent, at \$1,500.	
1 collaborator, at \$180.		1 junior architect draftsman, at \$85 per month.	
1 collaborator, at \$24.		1 laboratory aid, at \$840.	
1 collaborator, at \$12.		1 special agent, at \$1,500.	
1 consulting pomologist, at \$1.		1 clerk, stenographer, and typewriter, at \$1,200.	
Temporary clerical assistants, \$500.		1 clerk, stenographer, and typewriter, at \$900.	
Temporary or extra technical assistants, \$2,000.		1 clerk, typewriter, at \$1,000.	
Traveling expenses.....	21,700.00	1 clerk, typewriter, at \$900.	
Supplies and equipment.....	14,299.00	1 clerk, typewriter, at \$720.	
Miscellaneous expenses.....	5,489.00	1 clerk, stenographer and typewriter, at \$720.	
Total estimate, 1914.....	98,595.00	2 clerks, at \$900 each.	
Total appropriation, 1913.....	86,015.00	1 clerk, at \$720.	
Increase (\$4,420 transferred to statutory roll).....	12,580.00	1 collaborator, at \$15 per month.	
Activities:		1 collaborator, at \$2 per month.	
Office and laboratory.....	11,400.00	1 collaborator, at \$1 per month.	
Fruit marketing, transportation, and storage.....	46,120.00	1 consulting pomologist, at \$1.	
Viticultural investigations.....	14,920.00	1 unskilled laborer, at \$60 per month.	
Fruit production investigations.....	7,136.00	3 unskilled laborers, at \$2 each per day.	
Nut culture investigations.....	2,500.00	Traveling expenses.....	24,269.41
Pomological breeding investigations.....	7,890.00	Supplies and equipment.....	13,821.43
Simplification of fruit nomenclature.....	2,925.00	Miscellaneous expenses.....	1,516.08
Fruit identification.....	3,500.00	Total expenditures, 1912.....	85,706.76
Special pomological investigations.....	2,154.00		
Miscellaneous pomological investigations.....	50.00	Activities:	
Total.....	98,595.00	Office and laboratory.....	11,956.25
		Fruit marketing, transportation, and storage.....	42,176.19
		Grape investigations in Vinera regions.....	8,062.49
		Grape investigations in Muscadine regions.....	2,147.00
		Grape investigations in American native grape regions.....	2,760.26
		Fruit district investigations.....	5,253.94
		Nut culture.....	2,458.76
		Pomological breeding investigations.....	6,929.50
		Simplification of fruit nomenclature.....	2,084.05
		Identification and description of fruits.....	1,832.96
		Special pomological investigations.....	45.36
		Total.....	85,706.76

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>			
Experimental gardens and grounds, 1914, \$12,410.		Experimental gardens and grounds, 1912, \$15,060 (Original subappropriation of \$13,860 increased by transfer of \$1,200 from other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$3,885.00	Salaries.....	\$4,335.67
As follows:		As follows:	
1 assistant in charge, at \$2,160.		1 assistant in charge, at \$2,160.	
1 expert, at \$2,100.		1 gardener, at \$720.	
Temporary labor, \$1,200.		1 expert road roller operator, at \$3.50 per day.	
		1 student assistant, at \$25 per month.	
		17 unskilled laborers, at \$1.75 each per day.	
		8 unskilled laborers, at \$1.50 each per day.	
Supplies and equipment.....	8,475.00	Supplies and equipment.....	9,754.87
Miscellaneous expenses.....	50.00	Miscellaneous expenses.....	845.75
Total estimate, 1914.....	12,410.00	Total expenditures, 1912.....	14,936.29
Total appropriation, 1913.....	13,010.00		
Decrease (due to transfer to statutory roll).....	600.00		
Activities:		Activities:	
General care of greenhouses and grounds.....	12,410.00	General care of greenhouses and grounds.....	14,936.29
Arlington Farm and horticulture, 1914, \$55,960.		Arlington Farm and horticulture, 1912, \$39,152.	
		(Original subappropriation of \$38,000 increased by transfer of \$1,152 from other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$24,985.00	Salaries.....	\$22,391.11
As follows:		As follows:	
1 horticulturist in charge, at \$3,500.		1 horticulturist in charge, at \$3,500.	
1 horticulturist, at \$2,400.		1 assistant horticulturist, at \$1,980.	
1 assistant horticulturist, at \$2,100.		1 expert, at \$2,100.	
1 assistant horticulturist, at \$1,800.		1 expert, at \$1,800.	
1 scientific assistant, at \$1,620.		1 expert, at \$1,620.	
3 scientific assistants, at \$1,500 each.		1 expert, at \$1,200.	
1 scientific assistant, at \$1,200.		1 scientific assistant, at \$1,620.	
1 assistant farm superintendent, at \$1,440.		1 scientific assistant, at \$1,500.	
1 assistant landscape gardener, at \$1,200.		1 agent, at \$75 per month.	
1 agent, at \$75 per month.		1 superintendent, at \$1,800.	
15 farm laborers, at \$1.50 per day each.		1 clerk, stenographer, and typewriter, at \$75 per month.	
		1 clerk, stenographer, and typewriter, at \$60 per month.	
		1 gardener, at \$600.	
		1 laboratory aid, at \$60 per month.	
		1 laboratory aid, at \$55 per month.	
		1 collaborator, at \$15 per month.	
		1 collaborator, at \$10 per month.	
		1 collaborator, at \$8 per month.	
		1 collaborator, at \$2.50 per month.	
		1 messenger, at \$360.	
		1 laborer, at \$720.	
		4 student assistants, at \$25 each per month.	
		1 unskilled laborer, at \$40 per month.	
		1 unskilled laborer, at \$2 per day.	
		35 unskilled laborers, at \$1.50 each per day.	
		1 unskilled laborer, at \$45 per month.	
Traveling expenses.....	10,000.00	Traveling expenses.....	5,488.54
Supplies and equipment.....	15,000.00	Supplies and equipment.....	10,810.93
Miscellaneous expenses.....	5,975.00	Miscellaneous expenses.....	920.65
Total estimate, 1914.....	55,960.00	Total expenditures, 1912 (of this amount \$1,019.49 represents work done for other offices for which reimbursement was made).....	39,611.23
Total appropriation, 1913.....	36,920.00		
Increase (\$960 transferred to statutory roll).....	19,040.00		
Activities:		Activities:	
Office and laboratory.....	4,038.00	Office.....	3,024.85
Arlington farm.....	10,960.00	Arlington Farm.....	17,042.24
Truck crop investigations.....	38,212.00	Truck crop investigations.....	12,614.43
Landscape gardening, floriculture, and miscellaneous horticultural investigations.....	2,750.00	Truck crop survey.....	370.00
Total.....	55,960.00	Bulbs, flower, and vegetable seed.....	977.51
		Forcing house investigations.....	518.10
		Peanut investigations.....	4,303.88
		Miscellaneous horticulture.....	760.22
		Total.....	39,611.23

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>		
Foreign seed and plant introduction, 1914, \$93,290.	Foreign seed and plant introduction, 1912.	
ESTIMATED.	EXPENDED.	
	(For report of expenditures for 1912 see "Purchase and distribution of valuable seeds—foreign seeds.")	
Salaries..... \$43,976.40		
As follows:		
1 agricultural explorer in charge, at \$3,500.		
1 expert, at \$3,000.		
1 expert, at \$2,500.		
1 agricultural explorer, at \$2,220.		
1 pomologist, at \$2,280.		
1 botanical assistant, at \$1,980.		
1 scientific assistant, at \$1,980.		
1 scientific assistant, at \$1,620.		
1 assistant farm superintendent, at \$1,680.		
1 assistant farm superintendent, at \$1,440.		
1 assistant farm superintendent, at \$1,200.		
1 expert, at \$2,100.		
1 expert, at \$1,440.		
1 expert, at \$1,200.		
1 agent, at \$1,200.		
1 plant propagator, at \$1,200.		
2 laboratory aids, at \$720 each.		
1 collaborator, at \$12.		
2 collaborators, at \$1 each.		
3 collaborators, at \$50 each.		
1 messenger, at \$480.		
1 clerk, at \$900.		
1 clerk, at \$840.		
1 dispatch agent, at \$5 per month.		
1 charwoman, at \$480.		
1 messenger, at \$720.		
6 laborers, at \$0.80 per day each.		
8 laborers, at \$600 each.		
2 laborers, at \$2 per day each.		
2 laborers, at \$1.50 per day each.		
1 laborer, at \$540.		
1 laborer, at \$720.		
Traveling expenses..... 6,808.00		
Supplies and equipment..... 22,286.00		
Miscellaneous expenses..... 20,219.60		
Total, estimate, 1914..... 93,290.00		
Total appropriation, 1913..... 58,740.00		
Increase (apparent); (\$12,430 transferred from special seeds and plants; \$2,880 transferred to statutory roll)..... 34,550.00		
Activities:		
Office..... 12,153.33		
Foreign explorations..... 22,892.00		
Plant introduction field investigations..... 44,142.67		
Miscellaneous seeds and plants for exchange..... 14,102.00		
Total..... 93,290.00		
South Texas Garden, 1914.	South Texas Garden, 1912, \$10,134.	
(No estimate. Funds were transferred in 1913 to "Purchase and distribution of valuable seeds—foreign seeds.")	(Original subappropriation of \$11,260 decreased by transfer of \$1,126 to other subappropriations.)	
	EXPENDED.	
	Salaries..... \$5,248.72	
	As follows:	
	1 expert, at \$3,000.	
	1 expert, at \$1,000.	
	1 pomologist, at \$2,280.	
	1 clerk, at \$840.	
	1 agent, at \$600.	
	2 unskilled laborers, at \$50 per month each.	
	2 unskilled laborers, at \$18.75 per month each.	
	6 unskilled laborers, at \$0.80 per day each.	
	1 unskilled laborer, at \$2 per day.	
	Traveling expenses..... 3,424.40	
	Supplies and equipment..... 859.64	
	Miscellaneous expenses..... 125.63	
	Total expenditures, 1912..... 9,658.09	
	Activities: South Texas Garden..... 9,658.09	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Plant Industry—Continued.</i>			
Administrative and miscellaneous, 1914, \$35,690.		Administrative and miscellaneous, 1912, \$39,125. (Original subappropriation of \$38,251 increased by transfer of \$874 from other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$13,580.00	Salaries.....	\$25,452.98
As follows:		As follows:	
1 pomologist and assistant chief of bureau, at \$4,000.		1 assistant chief of bureau, at \$4,000.	
1 botanical assistant, at \$1,600.		1 agriculturist, at \$4,000.	
1 scientific assistant in library science, at \$1,620.		1 agriculturist, at \$2,520.	
1 scientific assistant in library science, at \$1,200.		2 agriculturists, at \$2,220 each.	
3 skilled laborers, at \$720 each.		1 agricultural technologist, at \$3,240.	
Temporary clerks and assistants for emergencies, \$3,000.		1 assistant in charge, at \$2,160.	
		1 special agent, at \$2,500.	
		1 scientific assistant, at \$1,620.	
		1 scientific assistant, at \$1,200.	
		1 botanist, at \$1,600.	
		1 assistant, at \$1,440.	
		1 assistant, at \$1,200.	
		1 assistant, at \$840.	
		1 expert, at \$1,200.	
		1 editorial clerk, at \$900.	
		1 laboratory aid, at \$1,200.	
		1 laboratory aid, at \$840.	
		1 laboratory aid, at \$720.	
		1 laboratory aid, at \$480.	
		1 clerk, stenographer and typewriter, at \$1,200.	
		2 clerks, stenographers and typewriters, at \$900 each.	
		2 clerks, stenographers and typewriters, at \$720 each.	
		2 clerk-typewriters, at \$720 each.	
		1 clerk, at \$1,400.	
		3 clerks, at \$1,200 each.	
		3 clerks, at \$900 each.	
		1 clerk, at \$840.	
		3 clerks, at \$720 each.	
		1 clerk, at \$660.	
		1 laborer, at \$720.	
		1 laborer, at \$600.	
		1 skilled laborer, at \$720.	
		5 unskilled laborers, at \$720 each.	
		1 unskilled laborer, at \$480.	
		1 unskilled laborer, at \$1.50 per diem.	
		13 student assistants, at \$300 each.	
		1 messenger, at \$480.	
		1 messenger, at \$360.	
		1 consulting pathologist and physiologist, at \$1.	
Traveling expenses.....	1,000.00	Traveling expenses.....	1,022.69
Supplies and equipment.....	9,000.00	Supplies and equipment.....	9,604.25
Miscellaneous expenses.....	12,110.00	Miscellaneous expenses.....	2,341.92
Total estimate, 1914.....	35,690.00	Total expenditures, 1912.....	38,421.84
Total appropriation, 1913.....	36,530.00		
Decrease (due to transfers to statutory roll).....	840.00		
Activities:		Activities:	
General administration.....	25,690.00	Office of chief of bureau.....	19,358.28
Office of assistant chief.....	10,000.00	Office of assistant chief of bureau.....	5,550.85
Total.....	35,690.00	Library.....	3,293.54
		Office of records.....	1,411.47
		Office of Supplies and Property.....	1,000.29
		Editorial office.....	303.31
		Miscellaneous.....	6,604.10
		Total.....	38,421.84

Purchase and Distribution of Valuable Seeds—

For purchase, propagation, testing, and distribution of valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants; all necessary office fixtures and supplies, fuel, transportation, paper, twine, gum, postal cards, gas, electric current, rent outside of the District of Columbia, official traveling expenses, and all necessary material and repairs for putting up and distributing the same; for repairs and the employment of local and special agents, clerks, assistants, and other labor required, in the city of Washington and elsewhere, *two hundred and eighty-five thousand six hundred and eighty dollars, two hundred and sixty-three thousand nine hundred dollars, of which amount not less than two hundred and twenty-six thousand nine hundred and forty dollars, two hundred and twenty-four thousand nine hundred dollars* shall be allotted for congressional distribution. And the Secretary of Agriculture is hereby directed to expend the said sum, as nearly as practicable, in the purchase, testing, and distribution of such valuable seeds, bulbs, shrubs, vines, cuttings, and plants, the best he can obtain at public or private sale, and such as shall be suitable for the respective localities to which the same are to be apportioned, and in which same are to be distributed as hereinafter stated, and such seeds so purchased shall include a variety of vegetable and flower seeds suitable for planting and culture in the various sections of the United States: *Provided*, That the Secretary of Agriculture, after due advertisement and on competitive bids, is authorized to award the contract for the supplying of printed packets and envelopes and the packeting, assembling, and mailing of the



Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>Purchase and Distribution of Valuable Seeds—Continued.</i>		
<p>seeds, bulbs, shrubs, vines, cuttings, and plants, or any part thereof, for a period of not more than five years nor less than one year, if by such action he can best protect the interests of the United States. An equal proportion of five-sixths of all seeds, bulbs, shrubs, vines, cuttings, and plants shall, upon their request, after due notification by the Secretary of Agriculture that the allotment to their respective districts is ready for distribution, be supplied to Senators, Representatives, and Delegates to Congress for distribution among their constituents, or mailed by the department upon the receipt of their addressed franks, in packages of such weight as the Secretary of Agriculture and the Postmaster General may jointly determine: <i>Provided, however,</i> That upon each envelope or wrapper containing packages of seeds the contents thereof shall be plainly indicated, and the Secretary shall not distribute to any Senator, Representative, or Delegate seeds entirely unfit for the climate and locality he represents, but shall distribute the same so that each Member may have seeds of equal value, as near as may be, and the best adapted to the locality he represents: <i>Provided, also,</i> That the seeds allotted to Senators and Representatives for distribution in the districts embraced within the twenty-fifth and thirty-fourth parallels of latitude shall be ready for delivery not later than the tenth day of January: <i>Provided, also,</i> That any portion of the allotments to Senators, Representatives, and Delegates in Congress remaining uncalled for on the first day of April shall be distributed by the Secretary of Agriculture, giving preference to those persons whose names and addresses have been furnished by Senators and Representatives in Congress, and who have not before during the same season been supplied by the department: <i>And provided also,</i> That the Secretary shall report, as provided in this act, the place, quantity, and price of seeds purchased, and the date of purchase; but nothing in this paragraph shall be construed to prevent the Secretary of Agriculture from sending seeds to those who apply for the same. And the amount herein appropriated shall not be diverted or used for any other purpose but for the purchase, testing, propagation, and distribution of valuable seeds, bulbs, mulberry and other rare and valuable trees, shrubs, vines, cuttings, and plants: <i>Provided further,</i> That [fifty-eight thousand seven hundred and forty dollars of which sum, or so much thereof as the Secretary of Agriculture shall direct, may be used to collect, purchase, test, propagate, and distribute rare and valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants from foreign countries or from our possessions for experiments with reference to their introduction into and cultivation in this country, and same shall not be distributed generally, but shall be used for experimental tests, to be carried on with the cooperation of the agricultural experiment stations.] <i>thirty-nine thousand dollars of which sum or so much thereof as the Secretary of Agriculture shall direct may be used for the purchase and distribution of drought resistant field seeds through the Great Plains area and other dry land sections of the United States (act Aug. 10, 1912, vol. 37, pp. 278, 279, sec. 1).</i></p>	\$263, 900. 00	\$285, 680. 00

Appropriations for 1904.....	\$290, 000	Estimates for 1905.....	\$290, 000
Appropriations for 1905.....	290, 000	Estimates for 1906.....	290, 000
Appropriations for 1906.....	242, 920	Estimates for 1907.....	252, 920
Appropriations for 1907.....	242, 920	Estimates for 1908.....	238, 600
Appropriations for 1908.....	238, 000	Estimates for 1909.....	249, 000
Deficiency act.....	50, 000		
Appropriations for 1909.....	258, 000	Estimates for 1910.....	243, 680
Appropriations for 1910.....	317, 960	Estimates for 1911.....	309, 590
Appropriations for 1911.....	309, 590	Estimates for 1912.....	301, 680
Appropriations for 1912.....	289, 680	Estimates for 1913.....	285, 680
Appropriations for 1913.....	285, 680	Estimates for 1914.....	263, 900

NOTE 1.—There is a net decrease in this item of \$21,780, arising as follows:

DECREASES.	
Transferred to general expenses.....	\$55, 860
Transferred to statutory roll from foreign seeds.....	2, 880
Transferred to statutory roll from congressional seed distribution.....	2, 040
	60, 780
INCREASE.	
Transferred from general expenses.....	39, 000
Net decrease.....	21, 780

The appropriation for the regular congressional seed distribution remains the same, less the \$2,040 covering the transfer of three employees to the statutory roll, as noted above.

NOTE 2.—Salaries of superintendents, agrostologists, experts, student assistants, agents, collaborators, etc., carried on the lump funds named below on Aug. 1, 1912:

PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS.

CONGRESSIONAL SEED DISTRIBUTION.

In Washington:	
1 superintendent of testing gardens.....	\$3, 000
1 assistant in seed and plant introduction and distribution.....	2, 500
1 agronomist.....	2, 500
1 assistant superintendent of testing gardens.....	2, 460
1 horticulturist.....	2, 220
1 scientific assistant in agrostology.....	1, 620
1 clerk.....	1, 000
1 expert.....	900
1 skilled laborer.....	720
1 clerk.....	720
1 unskilled laborer.....	600
1 assistant in agrostology at \$60 per month (3 months).....	180
1 unskilled laborer at \$45 per month (1 month).....	45
2 student assistants at \$25 per month each (6 months).....	300
1 student assistant at \$25 per month (3 months).....	75
1 collaborator.....	1
6 unskilled laborers at \$1.50 per diem each (30 days).....	270
2 unskilled laborers at \$1 per diem each (30 days).....	60

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>Purchase and Distribution of Valuable Seeds—Continued.</i>			
In Washington—Continued. FOREIGN SEED AND PLANT INTRODUCTION.			
1 expert.....	\$3,000		
1 agricultural explorer.....	3,000		
1 pomologist.....	2,280		
1 expert.....	2,220		
1 agricultural explorer.....	2,220		
1 scientific assistant in economic botany.....	1,680		
1 expert.....	1,440		
1 assistant farm superintendent.....	1,440		
1 student assistant at \$25 per month (6 months).....	150		
Total.....	17,430		
Out of Washington: CONGRESSIONAL SEED DISTRIBUTION.			
1 agent.....	1,380		
1 scientific assistant in agronomy.....	1,380		
1 plant propagator.....	1,200		
1 scientific assistant in agrostology.....	1,200		
1 expert.....	900		
1 unskilled laborer at \$45 per month (1 month).....	45		
1 unskilled laborer at \$45 per month (6 months).....	270		
1 unskilled laborer at \$45 per month (3 months).....	135		
1 unskilled laborer at \$45 per month (5 months).....	225		
1 unskilled laborer at \$40 per month (5 months).....	200		
1 unskilled laborer at \$40 per month (3 months).....	120		
1 special agent at \$20 per month.....	240		
Total.....	7,295		
FOREIGN SEED AND PLANT INTRODUCTION.			
1 assistant superintendent in charge of plant introduction garden at Chico, Cal.....	1,620		
1 scientific assistant in horticulture.....	1,620		
1 scientific assistant in agrostology.....	1,200		
1 assistant farm superintendent.....	1,200		
1 clerk.....	840		
1 collaborator.....	1		
1 agent, at \$75 per month.....	900		
2 collaborators, at \$50 per month each.....	1,200		
2 collaborators, at \$1 per annum each.....	2		
2 unskilled laborers, at \$60 per month each.....	1,440		
1 unskilled laborer, at \$60 per month (6 months).....	360		
1 unskilled laborer, at \$50 per month.....	600		
2 unskilled laborers, at \$40 per month each (6 months).....	480		
1 unskilled laborer, at \$40 per month (8 months).....	320		
1 unskilled laborer, at \$35 per month (6 months).....	210		
1 special agent, at \$5 per month.....	60		
1 collaborator, at \$1 per month.....	12		
1 expert, at \$4.04 per diem (200 days).....	808		
5 unskilled laborers, at \$2 per diem each (200 days).....	2,000		
2 unskilled laborers, at \$1.75 per diem each (200 days).....	700		
5 unskilled laborers, at \$1.50 per diem each (200 days).....	1,500		
1 unskilled laborer, at \$1.50 per diem (30 days).....	45		
1 unskilled laborer, at \$1 per diem (200 days).....	200		
6 unskilled laborers, at 80 cents per day each (200 days).....	960		
Total.....	18,278		
NOTE 3.—In accordance with the provisions of section 6 of the sundry civil act approved Aug. 24, 1912 (Public, 302), the following matter relative to the foregoing appropriation is submitted:			
(1914: \$263,900.)	PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS.	(1912: \$289,680.)	
Congressional seed distribution, 1914, \$224,900.	Congressional seed distribution, 1912, \$237,160.		
Salaries.....	ESTIMATED.	Salaries.....	EXPENDED.
	\$19,506.00		\$24,741.73
As follows:		As follows:	
1 assistant in charge, at \$2,500.		1 agrostologist, at \$3,000.	
1 superintendent, at \$3,000.		1 assistant agrostologist, at \$2,040.	
1 assistant superintendent, at \$2,460.		1 superintendent, at \$3,000.	
1 assistant horticulturist, at \$2,220.		1 assistant superintendent, at \$2,460.	
1 scientific assistant, at \$1,620.		1 horticulturist, at \$2,220.	
1 scientific assistant, at \$1,200.		1 expert, at \$1,800.	
1 scientific assistant, at \$1,380.		1 expert, at \$1,200.	
1 agent, at \$1,380.		1 expert, at \$900.	
1 agronomist, at \$2,500.		1 scientific assistant, at \$1,380.	
2 experts, at \$900 each.		1 scientific assistant, at \$1,320.	
2 student assistants, at \$300 each.		1 assistant, at \$1,380.	
1 special agent, at \$240.		1 agent, at \$1,200.	
1 collaborator, at \$12.		1 plant propagator, at \$1,000.	
		2 clerks, stenographers and typewriters, at \$1,200 each.	
		2 clerks, stenographers and typewriters, at \$1,000 each.	
		3 clerks, stenographers and typewriters, at \$900 each.	
		1 clerk, at \$840.	
		4 clerks, at \$600 each.	
		2 laboratory aids, at \$720 each.	
		1 skilled laborer, at \$720.	
		5 student assistants, at \$25 each per month.	
		1 special agent, at \$20 per month.	
		3 unskilled laborers, at \$60 each per month.	
		1 unskilled laborer, at \$50 per month.	
		8 unskilled laborers, at \$40 each per month.	
		1 unskilled laborer, at \$1.75 per day.	
		2 unskilled laborers, at \$2 each per day.	
		2 unskilled laborers, at \$1.50 each per day.	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>Purchase and Distribution of Valuable Seeds—Continued.</i>			
Traveling expenses.....	\$4,400.00	Traveling expenses.....	\$4,160.38
Purchase of seeds and plants.....	129,474.00	Purchase of seeds and plants.....	100,000.00
Contract for packeting and mailing vegetable and flower seed.....	56,889.00	Contract for mailing and packeting vegetable and flower seed.....	69,023.42
Supplies and equipment.....	10,886.00	Supplies and equipment.....	21,059.13
Miscellaneous expenses.....	3,745.00	Miscellaneous expenses.....	16,781.11
Total estimate, 1914.....	224,900.00	Total expenditures, 1912.....	235,765.77
Total appropriation, 1913.....	226,940.00		
Decrease (due to transfers to statutory roll).....	2,040.00		
Activities:		Activities:	
Office.....	5,665.00	General administration.....	5,253.16
Congressional distribution of seeds and plants.....	219,235.00	Congressional distribution.....	220,891.09
Total.....	224,900.00	Congressional distribution of forage crop seed.....	9,621.52
(Estimated for under "General expenses.")		Total.....	235,765.77
		Foreign seed and plant introduction, 1912, \$52,520.	
		EXPENDED.	
		Salaries.....	\$32,405.12
		As follows:	
		1 agricultural explorer, at \$3,880.	
		1 agricultural explorer, at \$3,000.	
		1 agrostologist, at \$3,000.	
		1 botanist, at \$165 per month.	
		1 expert, at \$2,220.	
		1 expert, at \$3,000.	
		1 expert, at \$175 per month.	
		3 experts, at \$100 each per month.	
		1 expert, at 4 cents per day.	
		1 expert, at \$75 per month.	
		1 scientific assistant, at \$1,440.	
		1 scientific assistant, at \$1,380.	
		1 scientific assistant, at \$1,200.	
		1 special agent, at \$1,440.	
		1 special agent, at \$1,200.	
		1 special agent, at \$720.	
		1 plant propagator, at \$90 per month.	
		1 laboratory aid, at \$720.	
		1 laboratory aid, at \$300.	
		1 clerk, at \$720.	
		1 laborer, at \$60 per month.	
		6 unskilled laborers, at \$60 each per month.	
		2 unskilled laborers, at \$50 each per month.	
		1 unskilled laborer, at \$40 per month.	
		1 unskilled laborer, at \$37.50 per month.	
		1 unskilled laborer, at \$30 per month.	
		6 unskilled laborers, at \$2 each per day.	
		7 unskilled laborers, at \$1.50 each per day.	
		1 unskilled laborer, at \$25 per month.	
		1 student assistant, at \$25 per month.	
		1 collaborator, at \$150.	
		1 collaborator, at \$50.	
		1 collaborator, at \$25 per month.	
		1 collaborator, at \$1 per month.	
		3 collaborators, at \$1 each.	
		Traveling expenses.....	9,713.38
		Supplies and equipment.....	7,336.91
		Miscellaneous expenses.....	1,535.39
		Total expenditures, 1912.....	50,990.80
		Activities:	
		Administrative.....	21,714.79
		Foreign explorations.....	10,560.63
		Chico plant introduction garden.....	9,324.53
		Mississippi Valley plant introduction garden.....	601.35
		Plant introduction problems.....	5,105.52
		Forage crop introduction.....	3,683.98
		Total.....	50,990.80
Drought-resistant seeds, 1914, \$39,000		(No appropriation in 1912.)	
ESTIMATED.			
Salaries.....	\$2,520.00		
As follows:			
1 expert, at \$1,800.			
1 laboratory aid, at \$720.			
Traveling expenses.....	1,200.00		
Purchase of seed.....	26,026.00		
Supplies and equipment.....	1,000.00		
Miscellaneous expenses.....	8,254.00		
Total estimate, 1914.....	39,000.00		
Total appropriation under "General expenses".....	40,000.00		
Decrease (due to transfer to statutory roll).....	1,000.00		
Activities:			
Purchase and distribution of drought-resistant seed.....	39,000.00		
Total for Bureau of Plant Industry, including statutory salaries.....		\$2,787,960.00	\$2,323,580.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
FOREST SERVICE.		
<i>Salaries, Forest Service—</i>		
One forester, who shall be chief of bureau (increase of \$1,000 submitted) (acts Feb. 1, 1905, vol. 33, p. 628, secs. 1-5; Aug. 10, 1912, vol. 37, p. 279, sec. 1).....	\$6,000.00	
One administrative assistant (increase of \$250 submitted) (same acts).....	2,250.00	
One forest supervisor (same acts).....	2,700.00	
One forest supervisor (same acts).....	2,600.00	
Five forest supervisors, at \$2,400 each (same acts).....	12,000.00	
Twenty forest supervisors, at \$2,200 each (same acts).....	44,000.00	
Forty-eight forest supervisors, at \$2,000 each (increase of 3 by transfer from lump fund) (same acts).....	96,000.00	
Sixty-six forest supervisors, at \$1,800 each (same acts).....	118,800.00	
Ten forest supervisors, at \$1,600 each (same acts).....	16,000.00	
Four deputy forest supervisors, at \$1,700 each (same acts).....	6,800.00	
Twenty-seven deputy forest supervisors, at \$1,600 each (increase of 6 in lieu of 6 deputy forest supervisors at \$1,400 each with increase of \$200 in each case) (same acts).....	43,200.00	
Thirty-one deputy forest supervisors, at \$1,500 each (increase of 1 in lieu of 1 deputy forest supervisor, at \$1,400 with increase of \$100) (same acts).....	46,500.00	
Eighteen deputy forest supervisors, at \$1,400 each (decrease of 7 submitted, 6 by transfer to deputy forest supervisors, at \$1,600 each, and 1 by transfer to deputy forest supervisor, at \$1,500) (same acts).....	25,200.00	
Two forest rangers, at \$1,500 each (same acts).....	3,000.00	
Twenty-one forest rangers, at \$1,400 each (same acts).....	29,400.00	
Seventy-eight forest rangers, at \$1,300 each (same acts).....	101,400.00	
Two hundred and eighty-six forest rangers, at \$1,200 each (increase of 34 in lieu of 34 assistant forest rangers, at \$1,100 each, with increase of \$100 in each case) (same acts).....	343,200.00	
Six hundred and ninety assistant forest rangers, at \$1,100 each (a decrease of 44 submitted, 34 by transfer to forest rangers at \$1,200 each and 10 omitted) (same acts).....	759,000.00	
One property auditor (increase of \$200 submitted) (same acts).....	2,000.00	
One clerk (same acts).....	2,100.00	
Three clerks, at \$2,000 each (same acts).....	6,000.00	
Fourteen clerks, at \$1,800 each (increase of 3 submitted) (same acts).....	25,200.00	
Twenty-five clerks, at \$1,600 each (same acts).....	40,000.00	
Nine clerks, at \$1,500 each (same acts).....	13,500.00	
Seventeen clerks, at \$1,400 each (same acts).....	23,800.00	
Six clerks, at \$1,300 each (same acts).....	7,800.00	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>Salaries, Forest Service—Continued.</i>		
Seventy-seven clerks, at \$1,200 each (acts Feb. 1, 1905, vol. 33, p. 628, secs. 1-5; Aug. 10, 1912, vol. 37, p. 279, sec. 1).....	\$92,400.00	
Fifty-nine clerks, at \$1,100 each (same acts).....	64,900.00	
Fifty-one clerks, at \$1,020 each (same acts).....	52,020.00	
Thirty clerks, at \$960 each (same acts).....	28,800.00	
One hundred and twenty-eight clerks, at \$900 each (same acts).....	115,200.00	
Two clerks, at \$840 each (same acts).....	1,680.00	
One game warden (same acts).....	1,400.00	
One game warden (same acts).....	1,200.00	
One compiler (increase of \$200 submitted) (same acts).....	1,800.00	
One draftsman (same acts).....	2,000.00	
Three draftsmen, at \$1,600 each (same acts).....	4,800.00	
Two draftsmen, at \$1,500 each (same acts).....	3,000.00	
Six draftsmen, at \$1,400 each (same acts).....	8,400.00	
Four draftsmen, at \$1,300 each (same acts).....	5,200.00	
Eight draftsmen, at \$1,200 each (increase of 1 submitted in lieu of 1 map colorist, at \$900, dropped (same acts).....	9,600.00	
Two draftsmen, at \$1,100 each (same acts).....	2,200.00	
Three draftsmen, at \$1,020 each (same acts).....	3,060.00	
One draftsman (same acts).....	960.00	
Four draftsmen, at \$900 each (same acts).....	3,600.00	
One artist (same acts).....	1,400.00	
One artist (same acts).....	1,000.00	
Three map colorists, at \$900 each (decrease of 1 submitted by transfer to draftsman at \$1,200, and increase of \$300) (same acts).....	2,700.00	
One map colorist (same acts).....	720.00	
One photographer (same acts).....	1,600.00	
One photographer (same acts).....	1,400.00	
One photographer (same acts).....	1,200.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>Salaries, Forest Service—Continued.</i>		
One photographer (acts Feb. 1, 1905, vol. 33, p. 628, secs. 1-5; Aug. 10, 1912, vol. 37, p. 279, sec. 1). \$1, 100. 00		
One lithographer (same acts)..... 1, 200. 00		
One lithographer's helper (same acts)..... 780. 00		
One machinist (same acts)..... 1, 260. 00		
One carpenter (same acts)..... 1, 200. 00		
Two carpenters, at \$1,000 each (same acts)..... 2, 000. 00		
One carpenter (same acts)..... 960. 00		
One electrician (same acts)..... 1, 020. 00		
One laboratory aid and engineer (same acts)..... 900. 00		
Three laboratory assistants, at \$900 each (same acts)..... 2, 700. 00		
One laboratory assistant (same acts)..... 800. 00		
One laboratory helper (same acts)..... 720. 00		
One laboratory helper (same acts)..... 600. 00		
One packer (same acts)..... 1, 000. 00		
One packer (same acts)..... 780. 00		
Four watchmen, at \$840 each (same acts)..... 3, 360. 00		
One messenger or laborer (same acts)..... 960. 00		
Three messengers or laborers, at \$900 each (same acts)..... 2, 700. 00		
Four messengers or laborers, at \$840 each (same acts)..... 3, 360. 00		
Three messengers or laborers, at \$780 each (same acts)..... 2, 340. 00		
Four messengers or laborers, at \$720 each (same acts)..... 2, 880. 00		
Six messengers or laborers, at \$660 each (same acts)..... 3, 960. 00		
Five messengers or laborers, at \$600 each (same acts)..... 3, 000. 00		
Two messengers or laborers, at \$540 each (same acts)..... 1, 080. 00		
Three messengers or messenger boys, at \$480 each (same acts)..... 1, 440. 00		
Three messengers or messenger boys, at \$420 each (same acts)..... 1, 260. 00		
Twelve messengers or messenger boys, at \$360 each (same acts)..... 4, 320. 00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>Salaries, Forest Service—Continued.</i>		
One apprentice boy (acts Feb. 1, 1905, vol. 33, p. 628, secs. 1-5; Aug. 10, 1912, vol. 37, p. 279, sec. 1) . . .	\$480. 00	
One charwoman (same acts)	540. 00	
One charwoman (same acts)	480. 00	
One charwoman (same acts)	300. 00	
Eleven charwomen, at \$240 each (same acts)	2, 640. 00	
	\$2, 242, 810. 00	\$2, 235, 760. 00

Appropriations for 1904	\$37, 140	Estimates for 1905	\$37, 140
Appropriations for 1905	37, 140	Estimates for 1906	37, 140
Appropriations for 1906	81, 960	Estimates for 1907	81, 960
Appropriations for 1907	112, 860	Estimates for 1908	131, 460
Appropriations for 1908	143, 200	Estimates for 1909	144, 300
Appropriations for 1909	144, 300	Estimates for 1910	60, 200
Appropriations for 1910	60, 200	Estimates for 1911	60, 200
Appropriations for 1911	60, 200	Estimates for 1912	2, 318, 680
Appropriations for 1912	2, 318, 680	Estimates for 1913	2, 290, 610
Appropriations for 1913	2, 235, 760	Estimates for 1914	2, 242, 810

NOTE.—There is an apparent increase in the above appropriation of \$7,050, but taking into consideration the salaries of 3 forest supervisors, at \$2,000 each, transferred from the lump fund, which fund has been reduced accordingly, the actual increase is \$1,050, as follows:

PROMOTIONS.

1 Forester, \$5,000 to \$6,000	\$1, 000
1 administrative assistant, \$2,000 to \$2,250	250
6 deputy forest supervisors, \$1,400 to \$1,600 each	1, 200
1 deputy forest supervisor, \$1,400 to \$1,500	100
34 assistant forest rangers, \$1,100 to \$1,200 each	3, 400
1 property auditor, \$1,800 to \$2,000	200
1 compiler, \$1,600 to \$1,800	200

NEW PLACES.

3 clerks, class 4	5, 400
1 draftsman	1, 200
	\$12, 950

PLACES OMITTED.

10 assistant forest rangers, at \$1,100 each	11, 000
1 map colorist	900
	11, 900

Actual increase 1, 050

TRANSFERRED FROM LUMP FUND, WHICH HAS BEEN REDUCED ACCORDINGLY.

3 forest supervisors, at \$2,000 each	6, 000
Apparent increase	7, 050

General Expenses, Forest Service—

To enable the Secretary of Agriculture to experiment and to make and continue investigations and report on forestry, national forests, forest fires, and lumbering, but no part of this appropriation shall be used for any experiment or test made outside the jurisdiction of the United States; to advise the owners of woodlands as to the proper care of the same; to investigate and test American timber and timber trees and their uses, and methods for the preservative treatment of timber; to seek, through investigations and the planting of native and foreign species, suitable trees for the treeless regions; to erect necessary buildings: *Provided*, That the cost of any building erected shall not exceed six hundred and fifty dollars: *And provided further*, That no part of the appropriation made by this act shall be used for the construction, repair, maintenance or use of buildings or improvements made for forest-ranger stations within the inclosed fields of bona fide homestead settlers who have established residence upon their homestead lands prior to the date of the establishment of the forest reservation in which the homestead lands are situated, without the consent of the homesteader; to pay all expenses necessary to protect, administer, and improve the national forests; to ascertain the natural conditions upon and utilize the national forests; and the Secretary of Agriculture may, in his discretion, permit timber and other forest products cut or removed from the national forests [except the Black Hills and Harney National Forests in South Dakota,] to be exported from the State, Territory, or the District of Alaska in which said forests are respectively situated [; *Provided*, That the exportation of dead and insect-infested timber only from said Black Hills and Harney National Forests shall be allowed until such time as the Forester shall certify that the ravages of the destructive insects in said forests are practically checked, but in no case after July first, nineteen hundred and fourteen]; to transport and care for fish and game supplied to stock the national forests or the waters therein; to employ agents, clerks,

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>		
assistants, and other labor required in practical forestry and in the administration of national forests, in the city of Washington and elsewhere; to collate, digest, report, and illustrate the results of experiments and investigations made by the Forest Service; to purchase [law books, to an amount not exceeding five hundred dollars,] necessary supplies, apparatus, and office fixtures, and technical books and technical journals for officers of the Forest Service stationed outside of Washington; to pay freight, express, telephone, and telegraph charges; for electric light and power, fuel, gas, ice, washing towels, and official traveling and other necessary expenses, including traveling expenses for legal and fiscal officers while performing Forest Service work; and for rent outside of the District of Columbia, as follows:		
For salaries and field and station expenses, including the maintenance of nurseries, collecting seed, and planting, necessary for the use, maintenance, improvement, and protection of the national forests named below (act Aug. 10, 1912, vol. 37, pp. 280-8, sec. 1):		
Absaroka National Forest, Montana, [eight thousand two hundred and thirteen dollars;] <i>seven thousand four hundred and twenty-five dollars</i>	\$7,425.00	
Alamo National Forest, New Mexico, [six thousand five hundred and thirty-five dollars;] <i>four thousand four hundred dollars</i>	4,400.00	
Angeles National Forest, California, [thirteen thousand five hundred and seventy-seven dollars;] <i>sixteen thousand seven hundred and seventy-four dollars</i>	16,774.00	
Apache National Forest, Arizona, [thirteen thousand and eighty-eight dollars;] <i>eight thousand six hundred and ten dollars</i>	8,610.00	
Arapaho National Forest, Colorado, [fourteen thousand seven hundred and fifty-eight dollars;] <i>eighteen thousand and eighty dollars</i>	18,080.00	
Arkansas National Forest, Arkansas, [fourteen thousand four hundred and two dollars;] <i>seventeen thousand nine hundred and ten dollars</i>	17,910.00	
Ashley National Forest, Utah and Wyoming, [four thousand four hundred and thirty-four dollars;] <i>seven thousand six hundred and sixty-eight dollars</i>	7,668.00	
Battlement National Forest, Colorado, [six thousand five hundred and ninety-three dollars;] <i>seven thousand three hundred and eighty dollars</i>	7,380.00	
Beartooth National Forest, Montana, [eleven thousand eight hundred and eighty-nine dollars;] <i>seven thousand and twenty dollars</i>	7,020.00	
Beaverhead National Forest, Montana and Idaho, [nine thousand seven hundred and sixty-nine dollars;] <i>ten thousand five hundred and eighty-five dollars</i>	10,585.00	
Bighorn National Forest, Wyoming, [sixteen thousand nine hundred and eighty-eight dollars;] <i>twelve thousand one hundred and five dollars</i>	12,105.00	
Bitterroot National Forest, Montana, [twenty thousand one hundred and fifteen dollars;] <i>thirteen thousand five hundred and thirty-one dollars</i>	13,531.00	
Blackfeet National Forest, Montana, twenty-one thousand nine hundred and eighty-one dollars.....	21,981.00	
Black Hills National Forest, South Dakota, [nine thousand one hundred and twenty-eight dollars;] <i>eleven thousand three hundred and twelve dollars</i>	11,312.00	
Boise National Forest, Idaho, [ten thousand five hundred and nineteen dollars;] <i>twelve thousand three hundred and seventy-three dollars</i>	12,373.00	
Bonneville National Forest, Wyoming, [three thousand nine hundred and ninety-three dollars;] <i>five thousand two hundred and fifty-five dollars</i>	5,255.00	
Bridger National Forest, Wyoming, [three thousand six hundred and thirty-eight dollars;] <i>four thousand two hundred dollars</i>	4,200.00	
Cabinet National Forest, Montana, [twelve thousand eight hundred and forty-seven dollars;] <i>eleven thousand two hundred and forty-one dollars</i>	11,241.00	
Cache National Forest, Utah and Idaho, [seven thousand seven hundred and three dollars;] <i>nine thousand nine hundred and twenty dollars</i>	9,920.00	
California National Forest, California, [eleven thousand nine hundred and ninety-three dollars;] <i>thirteen thousand eight hundred and sixty-three dollars</i>	13,863.00	
Caribou National Forest, Idaho and Wyoming, [five thousand two hundred and twenty-eight dollars;] <i>six thousand one hundred and forty-six dollars</i>	6,146.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>		
Carson National Forest, New Mexico, [seventeen thousand two hundred and ninety-one dollars;] <i>nineteen thousand two hundred and sixty dollars</i>	\$19,260.00	
Cascade National Forest, Oregon, twelve thousand one hundred and seventy-nine dollars. .	12,179.00	
Challis National Forest, Idaho, [five thousand two hundred and twenty-six dollars;] <i>seven thousand and fifteen dollars</i>	7,015.00	
Chelan National Forest, Washington, [eight thousand and sixty-eight dollars;] <i>nine thousand one hundred and thirty dollars</i>	9,130.00	
Chiricahua National Forest, Arizona and New Mexico, [eight thousand three hundred and eighty-two dollars;] <i>six thousand nine hundred and five dollars</i>	6,905.00	
Chugach National Forest, Alaska, [twenty-three thousand four hundred and eighty-five dollars;] <i>twenty-two thousand five hundred and thirty dollars</i>	22,530.00	
Clearwater National Forest, Idaho, fifteen thousand eight hundred and twenty-seven dollars.	15,827.00	
Cleveland National Forest, California, [nine thousand four hundred and ninety-nine dollars;] <i>sixteen thousand three hundred and twenty-nine dollars</i>	16,329.00	
Cochetopa National Forest, Colorado, [seven thousand one hundred and fifty-nine dollars;] <i>eight thousand two hundred and four dollars</i>	8,204.00	
Coconino National Forest, Arizona, [sixteen thousand nine hundred and ninety-four dollars;] <i>thirteen thousand eight hundred and thirteen dollars</i>	13,813.00	
Coeur d'Alene National Forest, Idaho, [fifteen thousand two hundred and thirty-nine dollars;] <i>forty thousand three hundred and thirty-seven dollars</i>	40,337.00	
Colorado National Forest, Colorado, eight thousand seven hundred and thirty-four dollars.	8,734.00	
Columbia National Forest, Washington, thirteen thousand eight hundred and sixty-seven dollars.....	13,867.00	
Colville National Forest, Washington, [ten thousand six hundred and nine dollars;] <i>twelve thousand one hundred and seventy-four dollars</i>	12,174.00	
Coronado National Forest, Arizona, [eight thousand five hundred and one dollars;] <i>eleven thousand four hundred and eighty-five dollars</i>	11,485.00	
Crater National Forest, Oregon and California, [twenty-five thousand and fifty-nine dollars;] <i>twenty thousand dollars</i>	20,000.00	
Crook National Forest, Arizona, [six thousand and thirty-nine dollars;] <i>five thousand two hundred and forty dollars</i>	5,240.00	
Custer National Forest, Montana, [eight thousand three hundred and fifty-eight dollars;] <i>six thousand four hundred and eighty-six dollars</i>	6,486.00	
Dakota National Forest, North Dakota, [one thousand two hundred and thirty-two dollars;] <i>eight hundred and thirty-five dollars</i>	835.00	
Datil National Forest, New Mexico, [thirteen thousand six hundred and eighty-eight dollars;] <i>twenty thousand nine hundred and sixty dollars</i>	20,960.00	
Deerlodge National Forest, Montana, [eighteen thousand three hundred and eighty-nine dollars;] <i>sixteen thousand eight hundred and ninety-three dollars</i>	16,893.00	
Deschutes National Forest, Oregon, [eleven thousand four hundred and six dollars;] <i>twelve thousand two hundred and sixty dollars</i>	12,260.00	
Dixie National Forest, Utah and Arizona, [three thousand nine hundred and ninety dollars;] <i>four thousand seven hundred and seventy-seven dollars</i>	4,777.00	
Durango National Forest, Colorado, [seven thousand five hundred and fifty-eight dollars;] <i>eight thousand six hundred and eighty-five dollars</i>	8,685.00	
Eldorado National Forest, California and Nevada, [eleven thousand two hundred and thirteen dollars;] <i>thirteen thousand and eighty-six dollars</i>	13,086.00	
Fillmore National Forest, Utah, [three thousand six hundred and fifty-five dollars;] <i>two thousand two hundred and ten dollars</i>	2,210.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>		
Fishlake National Forest, Utah, [three thousand five hundred and ten dollars;] <i>six thousand three hundred and seventy-six dollars</i>	\$6,376.00	
Flathead National Forest, Montana, twenty-seven thousand one hundred and sixteen dollars.....	27,116.00	
Florida National Forest, Florida, [nine thousand nine hundred and fourteen dollars;] <i>seven thousand six hundred and sixty-five dollars</i>	7,665.00	
Fremont National Forest, Oregon, [ten thousand eight hundred and seven dollars;] <i>twelve thousand four hundred dollars</i>	12,400.00	
Gallatin National Forest, Montana, [six thousand eight hundred and seventy-three dollars;] <i>six thousand one hundred and sixty-one dollars</i>	6,161.00	
Gila National Forest, New Mexico, [twenty-four thousand one hundred and sixty-five dollars;] <i>fourteen thousand four hundred and sixty dollars</i>	14,460.00	
Gunnison National Forest, Colorado, ten thousand nine hundred and fifty-two dollars.....	10,952.00	
Harney National Forest, South Dakota, [seven thousand five hundred and twenty-five dollars;] <i>eight thousand eight hundred and eight dollars</i>	8,808.00	
Hayden National Forest, Wyoming and Colorado, [six thousand five hundred and forty-two dollars;] <i>seven thousand five hundred and twenty-five dollars</i>	7,525.00	
Helena National Forest, Montana, [seven thousand four hundred and sixty-seven dollars;] <i>eleven thousand four hundred and twenty dollars</i>	11,420.00	
Holy Cross National Forest, Colorado, [seven thousand and seventeen dollars;] <i>nine thousand and sixty dollars</i>	9,060.00	
Humboldt National Forest, Nevada, [five thousand eight hundred and forty dollars;] <i>four thousand three hundred and thirty dollars</i>	4,330.00	
Idaho National Forest, Idaho, [eleven thousand nine hundred and eighty-three dollars;] <i>eight thousand four hundred and eighty-five dollars</i>	8,485.00	
Inyo National Forest, California and Nevada, eight thousand eight hundred and thirty-nine dollars.....	8,839.00	
Jefferson National Forest, Montana, eleven thousand three hundred and ninety-four dollars.....	11,394.00	
Jemez National Forest, New Mexico, [seventeen thousand one hundred and thirty-nine dollars;] <i>thirteen thousand four hundred and eighty dollars</i>	13,480.00	
Kaibab National Forest, Arizona, [six thousand six hundred and fifty-two dollars;] <i>four thousand eight hundred and forty dollars</i>	4,840.00	
Kaniksu National Forest, Idaho and Washington, [twenty-five thousand and twenty-seven dollars;] <i>thirty-six thousand nine hundred and sixteen dollars</i>	36,916.00	
Kansas National Forest, Kansas, three thousand one hundred and seventeen dollars.....	3,117.00	
Kern National Forest, California, [thirteen thousand one hundred and seventy-nine dollars;] <i>eighteen thousand one hundred and seventy-two dollars</i>	18,172.00	
Klamath National Forest, California, [twenty-seven thousand eight hundred and fifty-seven dollars;] <i>twenty-nine thousand six hundred and forty-three dollars</i>	29,643.00	
Kootenai National Forest, Montana, [thirty thousand eight hundred and forty-six dollars;] <i>twenty-seven thousand eight hundred and forty-six dollars</i>	27,846.00	
La Sal National Forest, Utah and Colorado, [six thousand five hundred and sixty-nine dollars;] <i>five thousand seven hundred and seventy-five dollars</i>	5,775.00	
Lassen National Forest, California, [eighteen thousand six hundred and fifty-nine dollars;] <i>sixteen thousand seven hundred and seventy-four dollars</i>	16,774.00	
Leadville National Forest, Colorado, nine thousand and thirty-seven dollars.....	9,037.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>		
Lemhi National Forest, Idaho, [seven thousand two hundred and eighteen dollars;] <i>five thousand eight hundred and ninety-five dollars</i>	\$5,895.00	
Lewis and Clark National Forest, Montana, [twelve thousand two hundred and eighty-six dollars;] <i>ten thousand six hundred and fourteen dollars</i>	10,614.00	
Lincoln National Forest, New Mexico, five thousand six hundred and seventeen dollars...	5,617.00	
Lolo National Forest, Montana, twenty thousand one hundred and four dollars.....	20,104.00	
Luquillo National Forest, Porto Rico, three thousand nine hundred and sixty-one dollars..	3,961.00	
Madison National Forest, Montana, [ten thousand two hundred and ninety-nine dollars;] <i>nine thousand six hundred and six dollars</i>	9,606.00	
Malheur National Forest, Oregon, [ten thousand three hundred and ninety-eight dollars;] <i>thirteen thousand two hundred and sixty dollars</i>	13,260.00	
Manti National Forest, Utah, [seven thousand eight hundred and eight dollars;] <i>eleven thousand five hundred and seventy-eight dollars</i>	11,578.00	
Manzano National Forest, New Mexico, [four thousand six hundred and fifty-three dollars;] <i>one thousand six hundred dollars</i>	1,600.00	
Marquette National Forest, Michigan, [two thousand eight hundred and sixty-three dollars;] <i>one thousand one hundred and seventy dollars</i>	1,170.00	
Medicine Bow National Forest, Wyoming, seventeen thousand four hundred and twenty-nine dollars.....	17,429.00	
Michigan National Forest, Michigan, two thousand four hundred and seventeen dollars...	2,417.00	
Minam National Forest, Oregon, [four thousand one hundred and ninety-four dollars;] <i>four thousand nine hundred and thirty dollars</i>	4,930.00	
Minnesota National Forest, Minnesota, [nine thousand seven hundred and ninety-seven dollars;] <i>six thousand five hundred and sixty dollars</i>	6,560.00	
Minidoka National Forest, Idaho and Utah, [five thousand two hundred and fifty-nine dollars;] <i>three thousand six hundred and eighty dollars</i>	3,680.00	
Missoula National Forest, Montana, [fifteen thousand seven hundred and seventy-six dollars;] <i>nine thousand nine hundred and forty-one dollars</i>	9,941.00	
Moapa National Forest, Nevada, [one thousand seven hundred and ninety-four dollars;] <i>eight hundred and sixty dollars</i>	860.00	
Modoc National Forest, California, ten thousand nine hundred and fifty dollars.....	10,950.00	
Mono National Forest, Nevada and California, [five thousand eight hundred and three dollars;] <i>seven thousand and forty-seven dollars</i>	7,047.00	
Monterey National Forest, California, [four thousand four hundred and sixty-four dollars;] <i>two thousand seven hundred and eighty-seven dollars</i>	2,787.00	
Montezuma National Forest, Colorado, [ten thousand two hundred and fifty-five dollars;] <i>eight thousand eight hundred and two dollars</i>	8,802.00	
Nebo National Forest, Utah, one thousand six hundred and fifty-four dollars.....	1,654.00	
Nebraska National Forest, Nebraska, [four thousand two hundred and thirty-one dollars;] <i>five thousand dollars: Provided, That from the nurseries on said forest the Secretary of Agriculture, under such rules and regulations as he may prescribe, may furnish young trees free, so far as they may be spared, to residents of the territory covered by "An act increasing the area of homesteads in a portion of Nebraska," approved April twenty-eighth, nineteen hundred and four</i>	5,000.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>		
Nevada National Forest, Nevada, [eight thousand nine hundred and fifty dollars;] <i>seven thousand four hundred and ten dollars</i>	\$7,410.00	
Nez Perce National Forest, Idaho, [twenty thousand three hundred and sixty dollars;] <i>fourteen thousand six hundred and nineteen dollars</i>	14,619.00	
Ochoco National Forest, Oregon, [nine thousand three hundred and fifty-two dollars;] <i>nine thousand eight hundred dollars</i>	9,800.00	
Okanogan National Forest, Washington, [sixteen thousand eight hundred and eighty-four dollars;] <i>fifteen thousand nine hundred dollars</i>	15,900.00	
Olympic National Forest, Washington, [sixteen thousand eight hundred and fifty dollars;] <i>sixteen thousand one hundred and thirty dollars</i>	16,130.00	
Oregon National Forest, Oregon, [nineteen thousand and seventy-seven dollars;] <i>seventeen thousand six hundred dollars</i>	17,600.00	
Ozark National Forest, Arkansas, fifteen thousand eight hundred and ninety-three dollars.	15,893.00	
Palisade National Forest, Idaho and Wyoming, [eight thousand seven hundred and twenty-one dollars;] <i>eight thousand one hundred and seventy-three dollars</i>	8,173.00	
Paulina National Forest, Oregon, [thirteen thousand six hundred and seventy dollars;] <i>twelve thousand seven hundred and seventy dollars</i>	12,770.00	
Payette National Forest, Idaho, [twelve thousand four hundred and fifty-four dollars;] <i>sixteen thousand five hundred and twenty-two dollars</i>	16,522.00	
Pecos National Forest, New Mexico, [thirteen thousand and ninety-three dollars;] <i>twelve thousand two hundred dollars</i>	12,200.00	
Pend Oreille National Forest, Idaho, [fourteen thousand three hundred and three dollars;] <i>fifteen thousand four hundred and forty-nine dollars</i>	15,449.00	
Pike National Forest, Colorado, [seventeen thousand nine hundred and seventy-three dollars;] <i>sixteen thousand eight hundred and sixty-two dollars</i>	16,862.00	
Plumas National Forest, California, [twenty-three thousand six hundred and eight dollars;] <i>twenty-four thousand six hundred and seven dollars</i>	24,607.00	
Pocatello National Forest, Idaho and Utah, one thousand four hundred and eighty-three dollars.....	1,483.00	
Powell National Forest, Utah, two thousand five hundred and eighty-six dollars.....	2,586.00	
Prescott National Forest, Arizona, [six thousand three hundred and seventy-six dollars;] <i>four thousand seven hundred and eighty dollars</i>	4,780.00	
Rainier National Forest, Washington, [thirteen thousand five hundred and eighteen dollars;] <i>fourteen thousand four hundred dollars</i>	14,400.00	
Rio Grande National Forest, Colorado, ten thousand nine hundred and seventy-six dollars.	10,976.00	
Routt National Forest, Colorado, [eleven thousand six hundred and seventy-five dollars;] <i>ten thousand two hundred and sixty-five dollars</i>	10,265.00	
Ruby National Forest, Nevada, three thousand five hundred and eighty-three dollars....	3,583.00	
Saint Joe National Forest, Idaho, [twenty-seven thousand six hundred and twenty-four dollars;] <i>forty-five thousand three hundred and twenty-four dollars</i>	45,324.00	
Salmon National Forest, Idaho, twelve thousand one hundred and sixty-nine dollars.....	12,169.00	
San Isabel National Forest, Colorado, [seven thousand three hundred and ninety-nine dollars;] <i>five thousand six hundred and fifty-five dollars</i>	5,655.00	
San Juan National Forest, Colorado, [nine thousand nine hundred and one dollars;] <i>eight thousand four hundred and fifty dollars</i>	8,450.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>		
Santa Barbara National Forest, California, [twelve thousand two hundred and seventy dollars;] <i>eleven thousand four hundred and seven dollars.</i>	\$11,407.00	
Santa Rosa National Forest, Nevada, [eight thousand four hundred dollars;] <i>two thousand one hundred and eighty dollars.</i>	2,180.00	
Santiam National Forest, Oregon, twelve thousand six hundred and twenty-seven dollars.	12,627.00	
Sawtooth National Forest, Idaho, [seven thousand two hundred and seventy-eight dollars;] <i>five thousand five hundred and thirty-five dollars.</i>	5,535.00	
Selway National Forest, Idaho, [twenty thousand two hundred and sixty-five dollars;] <i>fourteen thousand six hundred and ninety-five dollars.</i>	14,695.00	
Sequoia National Forest, California, fifteen thousand eight hundred and twenty-one dollars.....	15,821.00	
Sevier National Forest, Utah, [four thousand three hundred and sixty-two dollars;] <i>three thousand seven hundred and sixty dollars.</i>	3,760.00	
Shasta National Forest, California, [twenty-four thousand five hundred and thirty-three dollars;] <i>nineteen thousand two hundred and forty dollars.</i>	19,240.00	
Shoshone National Forest, Wyoming, [six thousand nine hundred and sixty-three dollars;] <i>seven thousand nine hundred and five dollars.</i>	7,905.00	
Sierra National Forest, California, [thirteen thousand and forty-nine dollars;] <i>twenty-four thousand seven hundred and twenty-one dollars.</i>	24,721.00	
Sioux National Forest, South Dakota and Montana, [six thousand one hundred and eighteen dollars;] <i>six thousand eight hundred and ninety-five dollars.</i>	6,895.00	
Siskiyou National Forest, Oregon and California, [thirteen thousand two hundred and thirty-four dollars;] <i>sixteen thousand five hundred and thirty dollars.</i>	16,530.00	
Sitgreaves National Forest, Arizona, [fifteen thousand three hundred and ten dollars;] <i>six thousand two hundred dollars.</i>	6,200.00	
Siuslaw National Forest, Oregon, [seven thousand nine hundred and eighty-nine dollars;] <i>ten thousand two hundred and sixty dollars.</i>	10,260.00	
Snoqualmie National Forest, Washington, [twenty-five thousand six hundred and five dollars;] <i>seventeen thousand four hundred and sixty dollars.</i>	17,460.00	
Sopris National Forest, Colorado, [nine thousand and forty-seven dollars;] <i>seven thousand four hundred and twenty-six dollars.</i>	7,426.00	
Stanislaus National Forest, California, [eighteen thousand five hundred and ninety-three dollars;] <i>sixteen thousand six hundred and one dollars.</i>	16,601.00	
Sundance National Forest, Wyoming, three thousand seven hundred and eleven dollars..	3,711.00	
Superior National Forest, Minnesota, [thirteen thousand and ninety-nine dollars;] <i>nine thousand and ninety-two dollars.</i>	9,092.00	
Tahoe National Forest, California and Nevada, [twenty thousand one hundred and seventy-seven dollars;] <i>eighteen thousand five hundred and sixty-seven dollars.</i>	18,567.00	
Targhee National Forest, Idaho and Wyoming, [twelve thousand three hundred and thirty-two dollars;] <i>eight thousand eight hundred and sixty-one dollars.</i>	8,861.00	
Teton National Forest, Wyoming, [eight thousand eight hundred and twenty-five dollars;] <i>six thousand seven hundred and sixty dollars.</i>	6,760.00	
Toiyabe National Forest, Nevada, [eight thousand nine hundred and twenty-two dollars;] <i>nine thousand seven hundred and seventy dollars.</i>	9,770.00	
Tongass National Forest, Alaska, [twenty-one thousand one hundred and sixty dollars;] <i>twenty-three thousand two hundred and sixty dollars.</i>	23,260.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>		
Tonto National Forest, Arizona, [ten thousand four hundred and twenty-nine dollars;] <i>five thousand four hundred and ninety-five dollars</i>	\$5,495.00	
Trinity National Forest, California, [twenty-nine thousand four hundred and eighty-three dollars;] <i>twenty-four thousand two hundred and sixty-six dollars</i>	24,266.00	
Tusayan National Forest, Arizona, [eleven thousand seven hundred and fifty-one dollars;] <i>fifteen thousand two hundred and sixty-one dollars</i>	15,261.00	
Uinta National Forest, Utah, [six thousand seven hundred and forty-four dollars;] <i>five thousand five hundred and eighty-five dollars</i>	5,585.00	
Umatilla National Forest, Oregon, [eight thousand two hundred and seventeen dollars;] <i>twelve thousand four hundred dollars</i>	12,400.00	
Umpqua National Forest, Oregon, [thirteen thousand and seventy-six dollars;] <i>twelve thousand two hundred and forty dollars</i>	12,240.00	
Uncompahgre National Forest, Colorado, [ten thousand and ninety-nine dollars;] <i>ten thousand nine hundred dollars</i>	10,900.00	
Wallowa National Forest, Oregon, [eleven thousand four hundred and seven dollars;] <i>nine thousand four hundred and sixty dollars</i>	9,460.00	
Wasatch National Forest, Utah, [two thousand one hundred and eighty-three dollars;] <i>three thousand two hundred dollars</i>	3,200.00	
Washakie National Forest, Wyoming, [five thousand and fifty-seven dollars;] <i>three thousand nine hundred dollars</i>	3,900.00	
Washington National Forest, Washington, [twelve thousand two hundred and ninety-eight dollars;] <i>thirteen thousand one hundred and thirty dollars</i>	13,130.00	
Weiser National Forest, Idaho, [nine thousand one hundred and eighty-six dollars;] <i>ten thousand four hundred and sixty dollars</i>	10,460.00	
Wenaha National Forest, Washington and Oregon, [seven thousand four hundred and forty-one dollars;] <i>ten thousand and sixty dollars</i>	10,060.00	
Wenatchee National Forest, Washington, [eight thousand one hundred and eighty-eight dollars;] <i>eleven thousand three hundred and thirty dollars</i>	11,330.00	
White River National Forest, Colorado, [twelve thousand one hundred and twelve dollars;] <i>ten thousand two hundred and sixty-seven dollars</i>	10,267.00	
Whitman National Forest, Oregon, [sixteen thousand four hundred and eighty-nine dollars;] <i>nineteen thousand four hundred dollars</i>	19,400.00	
Wichita National Forest, Oklahoma, [six thousand four hundred and thirty-six dollars;] <i>three thousand eight hundred dollars</i>	3,800.00	
Wyoming National Forest, Wyoming, [nine thousand nine hundred and ninety-five dollars;] <i>seven thousand one hundred and seventy dollars</i>	7,170.00	
Zuni National Forest, New Mexico and Arizona, three thousand seven hundred and thirty-four dollars; <i>Provided, That all of the military reservation of Fort Wingate, New Mexico, as described in Executive order of May thirty-first, nineteen hundred and eleven (Number thirteen hundred and sixty-seven), shall become a part of the Zuni National Forest and shall so remain until said order shall be revoked, modified, or suspended by the President, but that the said lands shall remain subject to the unhampered use of the War Department for military purposes, and to insure such use the land shall not be subject to any form of appropriation or disposal under the land laws of the United States;</i>	3,734.00	
Additional national forests <i>created or to be created</i> under section eleven of the act of March first, nineteen hundred and eleven (Thirty-sixth Statutes, page nine hundred and sixty-three), and lands under contract for purchase or for the acquisition of which condemnation proceedings have been instituted for the purposes of said act, [thirty-two thousand five hundred and ninety dollars;] <i>fifty-seven thousand five hundred and ninety dollars</i>	57,590.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>		
That the Secretary of Agriculture is hereby directed and required to select, classify, and segregate, as soon as practicable, all lands within the boundaries of national forests that may be opened to settlement and entry under the homestead laws applicable to the national forests, and the sum of [twenty-five thousand dollars] <i>one hundred thousand dollars</i> is hereby appropriated for the purposes aforesaid: <i>Provided, That in all patents hereafter issued for lands acquired under any of the public land laws and which are located within the limits of a national forest, it shall be expressed that there is reserved from the lands in said patent described, a right of way thereon for roads or trails constructed by the authority of the United States, or necessary in the administration of the national forests (act Aug. 10, 1912, vol. 37, pp. 280-8, sec. 1)</i>	\$100,000.00	
[For the expenditure under the direction of the Secretary of Agriculture for survey and listing of lands within forest reserves chiefly valuable for agriculture and describing the same by metes and bounds, or otherwise, as required by the Act of June eleventh, nineteen hundred and six, and the Act of March third, eighteen hundred and ninety-nine, thirty-five thousand dollars: <i>Provided, however, That any such survey and the plat and field notes thereof paid for out of this appropriation shall be made by an employee of the Forest Service under the direction of the United States surveyor general, but no land listed under the act of June eleventh, nineteen hundred and six, shall pass from the forest until patent issues; that the Secretary of Agriculture, under such rules and regulations as he shall establish, is hereby authorized and directed to sell at actual cost, to homestead settlers and farmers, for their domestic use, the mature, dead, and down timber in national forests, but it is not the intent of this provision to restrict the authority of the Secretary of Agriculture to permit the free use of timber as provided in the act of June fourth, eighteen hundred and ninety-seven.</i>]		
For fighting and preventing forest fires and for other unforeseen emergencies, one hundred and fifty thousand dollars (same act)	150,000.00	
For the purchase and maintenance of necessary field, office, and laboratory supplies, instruments and equipment, [one hundred and fifty-five thousand dollars;] <i>one hundred and sixty-eight thousand dollars</i> (same act)	168,000.00	
For investigations of methods for wood distillation and for the preservative treatment of timber, for timber testing and the testing of such woods as may require test to ascertain if they be suitable for making paper, and for other investigations and experiments to promote economy in the use of forest products, one hundred and seventy thousand dollars [, and the Secretary of Agriculture shall investigate the best methods of distillation of Douglas fir and other northwestern species of fir and timber, and ascertain the yields of distillates of various species, and the refining and commercial use of the distillates;] (same act)	170,000.00	
For experiments and investigations of range conditions within national forests, and of methods for improving the range by reseeding, regulation of grazing, and other means, [twenty thousand one hundred and eighty dollars;] <i>twenty-five thousand eight hundred and twenty dollars</i> (same act)	25,820.00	
For the purchase of tree seed, cones, and nursery stock, for seeding and tree planting within national forests, and for experiments and investigations necessary for such seeding and tree planting, one hundred and sixty-five thousand six hundred and forty dollars: <i>Provided, That the Secretary of Agriculture may procure such seed, cones, and nursery stock by open purchase without advertisements for proposals, whenever in his discretion such method is most economical and in the public interest, and when the cost thereof will not exceed five hundred dollars</i> (same act)	165,640.00	
For silvicultural, dendrological, and other experiments and investigations independently or in cooperation with other branches of the Federal Government, with States and with individuals, to determine the best methods for the conservative management of forests and forest lands, eighty-three thousand seven hundred and twenty-eight dollars (same act) ..	83,728.00	
For market and other miscellaneous forest investigations, and for collating, digesting, recording, illustrating, and distributing the results of the experiments and investigations herein provided for, [thirty-one thousand three hundred and sixty dollars;] <i>forty thousand one hundred and sixty dollars</i> (same act)	40,160.00	
For the construction and maintenance of roads, trails, bridges, fire lanes, telephone lines, cabins, fences, and other improvements necessary for the proper and economical administration, protection, and development of the national forests, four hundred thousand dollars: <i>Provided, That no part of the money herein appropriated shall be used to pay the transportation or traveling expenses of any forest officer or agent except he be traveling on business directly connected with the Forest Service and in furtherance of the works, aims, and objects specified and authorized in and by this appropriation: Provided further, That no part of this appropriation shall be paid or used for the purpose of paying for, in whole or in part, the preparation or publication of any newspaper or magazine article, but this shall not prevent the giving out to all persons without discrimination, including newspaper and magazine writers and publishers, of any facts or official information of value to the public</i> (same act)	400,000.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

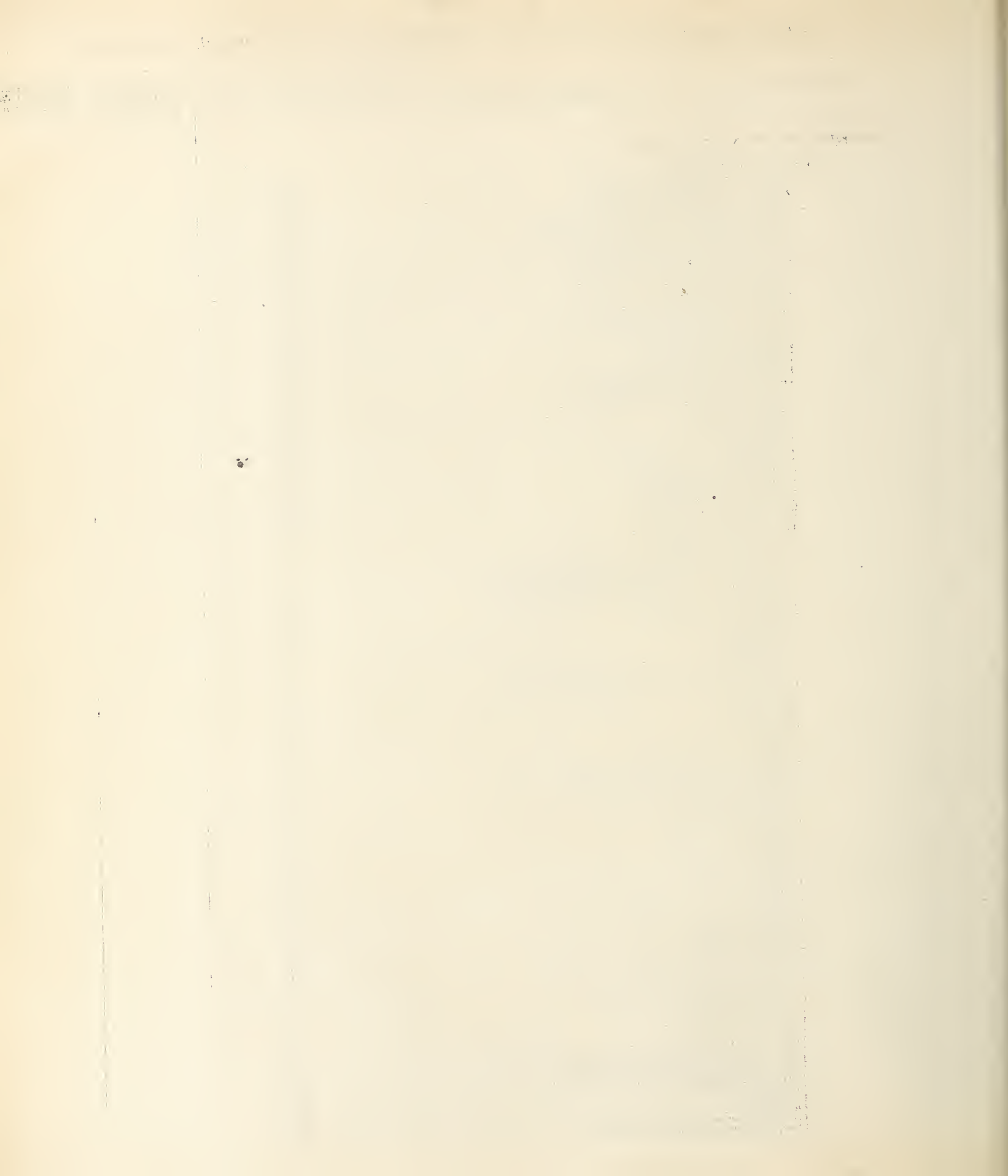
General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.	
<i>General Expenses, Forest Service—Continued.</i>			
That an additional ten per centum of all moneys received from the National Forests during the fiscal year ending June thirtieth, nineteen hundred and [twelve] thirteen, shall be available at the end thereof, to be expended by the Secretary of Agriculture for the construction and maintenance of roads and trails within the National Forests in the States from which such proceeds are derived; but the Secretary of Agriculture may, whenever practicable, in the construction and maintenance of such roads, secure the cooperation or aid of the proper State or Territorial authorities in the furtherance of any system of highways of which such roads may be made a part. (Act Aug. 10, 1912, vol. 37, pp. 280-8, sec. 1.)			
In all, for general expenses, [three million one hundred and seven thousand two hundred and eighty-five dollars.] <i>three million one hundred and ninety-eight thousand nine hundred and thirty-nine dollars.</i>	\$3, 198, 939. 00	\$3, 107, 285. 00	
Appropriations for 1904	\$312, 860	Estimates for 1905	\$412, 860
Appropriations for 1905	388, 000	Estimates for 1906	1 463, 000
Appropriations for 1906	1 793, 180	Estimates for 1907	1 918, 040
Appropriations for 1907	1 887, 140	Estimates for 1908	1 770, 060
Appropriations for 1908	2 236, 800	Estimates for 1909	3 3, 051, 900
Appropriations for 1909	2 3, 751, 900	Estimates for 1910	4 5, 931, 300
Appropriations for 1910	2 4, 586, 000	Estimates for 1911	4 4, 983, 500
Sundry civil act	30, 000		
Appropriations for 1911	2 4, 947, 900	Estimates for 1912	3, 189, 420
Deficiency act	900, 000		
Appropriations for 1912	2 3, 214, 420	Estimates for 1913	3, 208, 005
Appropriations for 1913	3, 107, 285	Estimates for 1914	3, 198, 939
1 "Improvement of the National Forests" provided for from receipts from National Forests.			
2 Includes amount appropriated separately for "Improvement of the National Forests."			
3 In addition, an estimated balance of about \$1,000,000 from receipts prior to July 1, 1907, was available for administration and improvement of the National Forests. (See estimates of appropriations for the fiscal year 1909, p. 548.)			
4 Includes amount estimated for separately for "Improvement of the National Forests."			
NOTE 1.—There is an apparent increase in the above appropriation of \$91,654, but adding the saving in salary of three forest supervisors at \$2,000 each, amounting to \$6,000 transferred from the lump fund to the statutory roll, the actual increase is \$97,654, as follows:			
National Forests: The appropriations for these forests for the fiscal year 1913 aggregated \$1,838,787, while the estimates for the fiscal year 1914 aggregate \$1,838,001, a net decrease of \$786, but adding the saving in salaries of three supervisors transferred from the Deerlodge, Tonto, and Sitgreaves forests there is an actual increase of \$5,214. The increases and decreases in the specific appropriations for the various National Forests are due to changes in conditions of local administration and protection. The provision in regard to the Black Hills and Harney National Forests which restricts the exportation of forest products to points outside the State of South Dakota has been omitted as it seems unnecessary to longer continue this restriction. The proviso in regard to the Zuni National Forest is also omitted since it is continuing legislation.			
Additional National Forests: An increase of \$25,000 is submitted for additional National Forests created under the act of Mar. 1, 1911, to provide for administration and protection of the additional lands to be acquired during the next year, amounting approximately to 400,000 acres. The addition of the words "Created or" in the first line of the item is to make it applicable to the administration and protection of the land previously acquired, the administration and protection of which is provided for in the appropriation for the fiscal year 1913.			
Agricultural and classification: An increase of \$75,000 is submitted to enable the Secretary to carry out this law. Unless sufficient funds are provided for this purpose, the object sought, namely, to promote settlement, will not be obtained. A new proviso has also been added in regard to patents issued for lands acquired under any of the public-land laws which are located within the limits of the National Forests. This has been done, as it is often difficult to foresee the need for reserving rights of way which will be necessary for the handling of timber and other products of the National Forests. Many instances have already occurred where patents have been issued for lands which control the natural outlet for large bodies of timber. In listing lands for settlement under the act of June 11, 1906, such needs can sometimes be foreseen and the necessary right of way excepted in describing the land, but even with this class of entries it is often difficult to tell in advance just where the right of way should be located. In order to obviate this difficulty and protect the public interests it is recommended that a reservation of the right to locate the necessary rights of way should be made in the issuance of patents for lands within the boundaries of the National Forests.			
Survey, etc., of lands: The item of \$35,000 for surveying and listing lands within forest reserves chiefly valuable for agriculture has been omitted.			
Fighting forest fires: There is no change in the amount of this subappropriation, but the following words have been added: "And preventing," making the item read "For fighting and preventing forest fires and for other unforeseen emergencies."			
Maintenance and supplies: An increase of \$13,000 is submitted and will be used mainly for furnishing surveying instruments and similar equipment for the field work of land classification and for the replacement of field equipment worn out in service. The appropriation for the fiscal year 1912 for the purchase of supplies and equipment was \$198,080, and the amount appropriated for 1913 was \$155,000, a reduction of \$43,080. The amount appropriated for 1913 is inadequate to supply the requirements of the service, and unless the amount is increased for the fiscal year 1914 the work will be hampered through the lack of necessary supplies and equipment.			
Forest products: There is no change in the amount of this appropriation, but the following language has been omitted: "And the Secretary of Agriculture shall investigate the best methods of distillation of Douglas fir and other northwestern species of fir and timber, and ascertain the yields of distillates of various species, and the refining and commercial use of the distillates."			
National Forest range investigations: An increase of \$5,640 is submitted for additional salaries in carrying on experiments and investigations of range conditions for the purpose of improving the range and increasing its carrying capacity.			
Silviculture, National Forests: There is no change in the amount of this appropriation.			
Management of forests: There is no change in the amount of this appropriation.			
Market and miscellaneous investigations: An increase of \$3,800 is submitted to cover the expenses of temporary draftsmen in preparing maps and atlas sheets for recording the results of grazing reconnaissance and for the additional map work incident to the acquisition of lands under the act of Mar. 1, 1911.			
Improvement of National Forests: There is no change in the amount of this appropriation. The absence of adequate trails in the heavily timbered areas of the forests entails an increase in the actual cost of fire fighting and also contributes to the destruction of timber of great value which can, with proper facilities, be saved for beneficial use by the people of the country.			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>		
NOTE 2.—Salaries of foresters, assistant foresters, experts, engineers, agents, rangers, guards, etc., carried on the lump fund named below on Aug. 1, 1912:		
GENERAL EXPENSES, FOREST SERVICE.		
In Washington:		
1 associate forester.....	\$4,000	
1 assistant forester.....	3,500	
1 assistant forester.....	3,250	
2 assistant foresters, at \$3,000 each.....	6,000	
1 assistant forester.....	2,800	
1 chief of office.....	2,500	
1 chief of office.....	2,000	
1 chief of office, at \$7 per diem (temporary).....	800	
1 assistant chief of office.....	2,200	
1 chief of claims.....	2,750	
1 inspector of grazing.....	2,700	
1 inspector of grazing.....	2,400	
1 general inspector.....	2,500	
1 forest inspector.....	2,500	
1 inspector.....	2,500	
1 expert and editor.....	3,000	
1 expert.....	2,200	
1 expert.....	2,000	
1 expert.....	1,800	
1 expert.....	1,500	
1 expert.....	1,400	
1 classified expert lumberman.....	3,250	
1 geographer.....	2,700	
1 engineer in forest products.....	2,000	
1 statistician in forest products.....	1,600	
3 statisticians in forest products, at \$1,500 each.....	4,500	
1 statistician in forest products.....	1,200	
1 scientific assistant in forest distribution.....	1,200	
1 xylotomist.....	1,000	
2 forest assistants, at \$2,000 each.....	4,000	
1 forest assistant.....	1,900	
2 forest assistants, at \$1,600 each.....	3,200	
3 forest assistants, at \$1,500 each.....	4,500	
1 forest assistant.....	1,400	
2 forest assistants, at \$1,200 each.....	2,400	
2 forest examiners, at \$2,000 each.....	4,000	
1 forest examiner.....	1,700	
1 forest examiner.....	1,500	
1 forest agent.....	1,600	
1 assistant botanist.....	1,500	
1 clerk.....	1,400	
2 clerks, at \$1,200 each.....	2,400	
1 clerk.....	1,100	
1 clerk.....	900	
3 clerks, at \$720 each (3 months).....	540	
1 negative cutter.....	1,200	
1 draftsman, at \$840 (9 months).....	630	
Total.....	107,620	
Out of Washington:		
2 district foresters, at \$2,800 each.....	5,600	
1 district forester.....	2,700	
1 district forester.....	2,600	
2 district foresters, at \$2,500 each.....	5,000	
1 assistant district forester.....	2,300	
21 assistant district foresters at \$2,200 each.....	46,200	
2 assistant district foresters, at \$2,100 each.....	4,200	
4 assistant district foresters, at \$2,000 each.....	8,000	
1 assistant district forester.....	1,800	
1 assistant district forester, at \$6.50 per diem (temporary).....	100	
1 chief of section.....	1,900	
1 expert.....	1,500	
1 expert.....	1,400	
1 expert.....	1,100	
1 expert, at \$11 per diem (when actually employed).....	100	
2 experts, at \$8 per diem each (when actually employed).....	200	
1 expert, at \$7 per diem (when actually employed).....	100	
1 expert in mining claims.....	1,200	
1 expert miner, at \$4.50 per diem (when actually employed).....	100	
1 lumberman.....	2,100	
1 lumberman.....	2,000	
6 lumbermen, at \$1,800 each.....	10,800	
1 lumberman.....	1,700	
1 sealer.....	1,500	
3 sealers, at \$1,400 each.....	4,200	
1 grazing assistant.....	1,300	
4 grazing examiners, at \$1,200 each.....	4,800	
6 mineral examiners, at \$1,800 each.....	10,800	
1 plant ecologist.....	1,900	
1 plant ecologist.....	1,200	
1 district engineer.....	2,600	
1 district engineer.....	2,400	
1 hydraulic engineer.....	1,200	
1 hydroelectrical engineer.....	3,000	
2 hydroelectrical engineers, at \$2,400 each.....	4,800	
1 hydroelectrical engineer.....	2,200	
1 hydroelectrical engineer.....	2,100	
3 junior engineers, at \$1,200 each.....	3,600	
1 civil engineer.....	1,000	
1 director, forest products laboratory.....	3,000	
1 assistant director, forest products laboratory.....	2,400	
1 assistant engineer.....	1,200	
1 engineer in timber tests.....	1,500	
1 engineer in timber tests.....	1,300	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>		
Out of Washington—Continued.		
3 engineers in wood preservation, at \$1,500 each.....	\$4,500	
1 engineer in wood preservation.....	1,400	
2 engineers in forest products, at \$2,200 each.....	4,400	
3 engineers in forest products, at \$1,800 each.....	5,400	
3 engineers in forest products, at \$1,700 each.....	5,100	
3 assistant engineers in forest products, at \$1,400 each.....	4,200	
3 assistant engineers in forest products, at \$1,200 each.....	3,600	
2 chemical engineers in forest products, at \$1,800 each.....	3,600	
1 chemical engineer in forest products.....	1,600	
1 assistant chemical engineer in forest products.....	1,500	
1 assistant chemical engineer in forest products.....	1,400	
1 assistant chemical engineer in forest products.....	1,200	
1 chemist in forest products.....	1,900	
1 chemist in forest products.....	1,800	
2 chemists in forest products, at \$1,600 each.....	3,200	
1 assistant chemist in forest products.....	1,400	
5 assistant chemists in forest products, at \$1,200 each.....	6,000	
1 statistician in forest products.....	2,000	
1 statistician in forest products.....	1,400	
1 microscopist in forest products.....	1,400	
1 scientific assistant in basket willow culture.....	1,400	
1 scientific assistant in wood utilization.....	1,000	
2 laboratory helpers, at \$2 per diem each (6 months).....	720	
4 laboratory aids and engineers, at \$900 each.....	3,600	
2 laboratory aids and engineers, at \$720 each.....	1,440	
1 laboratory assistant.....	900	
1 practical paper maker.....	1,000	
1 xylotomist.....	1,000	
1 technical assistant, at \$720 (3 months).....	180	
1 forest assistant.....	2,000	
5 forest assistants, at \$1,800 each.....	9,000	
2 forest assistants, at \$1,700 each.....	3,400	
5 forest assistants, at \$1,600 each.....	8,000	
10 forest assistants, at \$1,500 each.....	15,000	
25 forest assistants, at \$1,400 each.....	35,000	
8 forest assistants, at \$1,300 each.....	10,400	
104 forest assistants, at \$1,200 each.....	124,800	
5 forest assistants, at \$1,100 each.....	5,500	
3 forest assistants, at \$12 each.....	36	
1 forest assistant, at \$8 per diem (when actually employed).....	100	
7 forest assistants, at \$5 per diem each (when actually employed).....	700	
1 forest assistant, at \$4.50 per diem (when actually employed).....	100	
2 forest assistants, at \$4 per diem each (when actually employed).....	200	
1 forest assistant, at \$3.50 per diem (when actually employed).....	100	
1 forest examiner.....	2,200	
2 forest examiners, at \$2,000 each.....	4,000	
5 forest examiners, at \$1,800 each.....	9,000	
1 forest examiner.....	1,700	
1 forest examiner.....	1,600	
1 forest examiner.....	1,200	
1 forest examiner.....	12	
1 forest examiner, at \$6 per diem (when actually employed).....	600	
1 forest examiner, at \$5 per diem (when actually employed).....	100	
1 assistant topographer.....	1,500	
1 superintendent of telephone construction.....	1,500	
1 forest agent.....	1,400	
1 forest agent.....	800	
1 agent.....	1,200	
2 surveyors, at \$1,200 each (10 months).....	2,000	
1 surveyor, at \$1,100 (3 months).....	275	
1 land examiner.....	1,800	
5 timber cruisers, at \$5 per diem each (6 months).....	4,500	
10 assistant timber cruisers, at \$2.50 per diem each (6 months).....	4,500	
2 forest planting assistants, at \$1,400 each.....	2,800	
1 forest planting assistant.....	1,300	
1 forest planting assistant.....	1,200	
1 forest planting assistant.....	1,000	
1 collaborator.....	300	
8 collaborators, at \$12 each.....	96	
1 compositor.....	1,500	
1 artist.....	1,200	
2 clerks, at \$1,800 each.....	3,600	
1 clerk.....	1,700	
1 clerk.....	1,600	
1 clerk.....	1,500	
3 clerks, at \$1,400 each.....	4,200	
1 clerk.....	1,320	
15 clerks, at \$1,200 each.....	18,000	
33 clerks, at \$1,100 each.....	36,300	
1 clerk.....	1,020	
5 clerks, at \$1,000 each.....	5,000	
1 clerk, at \$1,000 (about 1 month).....	84	
1 clerk.....	960	
22 clerks, at \$900 each.....	19,800	
9 clerks, at \$900 each (3 months).....	2,025	
1 clerk, at \$840 (3 months).....	210	
1 clerk, at \$720 (3 months).....	180	
1 clerk.....	600	
1 clerk, at \$600 (3 months).....	150	
1 clerk, at \$540 (2 months).....	90	
1 clerk, at \$3 per diem (when actually employed).....	100	
1 clerk, at \$2.50 per diem (when actually employed).....	300	
2 clerks, at \$2 per diem each (when actually employed).....	480	
1 tabulator, at \$720 (6 months).....	360	
1 map colorist.....	900	
1 draftsman.....	900	
1 sawyer (carpenter).....	1,000	
2 telephone operators, at \$720 each (6 months).....	720	



Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
General Expenses, Forest Service—Continued.		
Out of Washington—Continued.		
1 telephone operator, at \$480 (6 months).....	\$240	
1 telephone operator.....	420	
1 telephone operator.....	300	
1 telephone operator, at \$240 (3 months).....	60	
1 telephone operator, at \$180 (3 months).....	45	
1 carpenter.....	1,000	
1 skilled laborer, at \$780 (3 months).....	195	
1 skilled laborer, at \$2 per diem (3 months).....	180	
2 unskilled laborers, at \$900 each.....	1,800	
1 unskilled laborer.....	720	
2 unskilled laborers, at \$600 each.....	1,200	
2 unskilled laborers, at \$540 each.....	1,080	
1 unskilled laborer, at \$540 (2 months).....	90	
1 unskilled laborer.....	300	
1 unskilled laborer.....	216	
1 unskilled laborer.....	180	
1 unskilled laborer.....	120	
1 unskilled laborer.....	108	
1 unskilled laborer.....	96	
1 unskilled laborer.....	60	
3 unskilled laborers, at \$2 per diem each (when actually employed).....	581	
1 unskilled laborer, at 25 cents per hour (when actually employed).....	145	
2 forest supervisors, at \$2,000 each.....	4,000	
1 forest supervisor.....	1,900	
2 forest supervisors, at \$1,800 each.....	3,600	
1 forest supervisor.....	1,400	
2 deputy forest supervisors, at \$1,600 each.....	3,200	
1 deputy forest supervisor.....	1,400	
4 forest rangers, at \$1,500 each.....	6,000	
1 forest ranger.....	1,400	
7 forest rangers, at \$1,300 each.....	9,100	
11 forest rangers, at \$1,200 each.....	13,200	
1 forest ranger.....	1,100	
3 deputy forest rangers, at \$1,100 each.....	3,300	
2 deputy forest rangers, at \$1,000 each.....	2,000	
4 assistant forest rangers, at \$1,500 each.....	6,000	
7 assistant forest rangers, at \$1,200 each.....	8,400	
278 assistant forest rangers, at \$1,100 each.....	305,800	
2 assistant forest rangers, at \$1,000 each.....	2,000	
9 assistant forest rangers, at \$900 each.....	8,100	
3 assistant forest rangers, at \$12 each.....	36	
2 forest guards, at \$1,800 each (6 months).....	1,800	
5 forest guards, at \$1,200 each (6 months).....	3,000	
28 forest guards, at \$1,100 each (6 months).....	15,400	
3 forest guards, at \$1,080 each (6 months).....	1,620	
14 forest guards, at \$1,000 each (6 months).....	7,000	
2 forest guards, at \$960 each (6 months).....	960	
1 forest guard, at \$920 (6 months).....	460	
790 forest guards, at \$900 each (6 months).....	355,500	
1 forest guard, at \$840 (6 months).....	420	
2 forest guards, at \$780 each (6 months).....	780	
55 forest guards, at \$720 each (6 months).....	19,800	
5 forest guards, at \$660 each (6 months).....	1,650	
4 forest guards, at \$600 each (6 months).....	1,200	
1 forest guard, at \$480 (6 months).....	240	
1 forest guard, at \$420 (6 months).....	210	
1 forest guard, at \$180 (6 months).....	90	
57 forest guards, at \$12 each (6 months).....	342	
180 forest guards, at \$3 per diem (emergency).....	500	
53 forest guards, at \$2.50 per diem (emergency).....	500	
1 field assistant, at \$900 (6 months).....	450	
60 field assistants, at \$600 each (6 months).....	18,000	
Total.....	1,416,652	

NOTE 3.—In accordance with the provisions of section 6 of the sundry civil act approved Aug. 24, 1912 (Public, 302), the following matter relative to the foregoing appropriation is submitted:

(1914: \$3,198,939.) GENERAL EXPENSES, FOREST SERVICE. (1912: \$2,714,420.)

Absaroka National Forest, 1914, \$7,425.

Absaroka National Forest, 1912, \$6,121.81.

(Original subappropriation of \$11,520 decreased by transfer of \$5,398.19 to other subappropriations.)

ESTIMATED.		EXPENDED.	
Salaries.....	\$3,500.00	Salaries.....	\$3,595.28
As follows:		As follows:	
1 deputy forest supervisor, at \$1,400.....		1 forest assistant, at \$1,100.....	
1 forest assistant, at \$1,200.....		1 forest assistant, at \$1,200.....	
1 clerk, at \$900.....		2 assistant forest rangers, at \$1,100 each.....	
		9 forest guards, at \$900 each.....	
Traveling expenses.....	500.00	Traveling expenses.....	944.27
Supplies and equipment.....	900.00	Supplies and equipment.....	929.79
Miscellaneous expenses.....	675.00	Miscellaneous expenses.....	624.43
Assessment for general administration.....	1,850.00		
		Total expenditures, 1912.....	6,093.77
Total estimate, 1914.....	7,425.00		
Total appropriation, 1913.....	8,213.00		
Decrease.....	788.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
General Expenses, Forest Service—Continued.			
Alamo National Forest, 1914, \$4,400.			
ESTIMATED.			
Salaries.....	\$1,275.00		
As follows:			
2 forest guards, at \$900 each (4 months).....			
2 forest guards, at \$900 each (3 months).....			
1 forest guard (hunter), at \$900 (3 months).....			
Traveling expenses.....	800.00		
Supplies and equipment.....	1,100.00		
Miscellaneous expenses.....	125.00		
Assessment for general administration.....	1,100.00		
Total estimate, 1914.....	4,400.00		
Total appropriation, 1913.....	6,535.00		
Decrease.....	2,135.00		
Angeles National Forest, 1914, \$16,774.			
ESTIMATED.			
Salaries.....	\$7,500.00		
As follows:			
1 forest assistant, at \$1,200.....			
6 assistant forest rangers, at \$1,100 each (6 months).....			
10 forest guards, at \$900 each (4 months).....			
Traveling expenses.....	1,000.00		
Supplies and equipment.....	699.00		
Miscellaneous expenses.....	3,385.00		
Assessment for general administration.....	4,190.00		
Total estimate, 1914.....	16,774.00		
Total appropriation, 1913.....	13,577.00		
Increase.....	3,197.00		
Apache National Forest, 1914, \$8,610.			
ESTIMATED.			
Salaries.....	\$4,050.00		
As follows:			
1 forest assistant, at \$1,200.....			
8 forest guards, at \$900 each (3 and 6 months).....			
Traveling expenses.....	1,000.00		
Supplies and equipment.....	1,000.00		
Miscellaneous expenses.....	410.00		
Assessment for general administration.....	2,150.00		
Total estimate, 1914.....	8,610.00		
Total appropriation, 1913.....	13,088.00		
Decrease.....	4,478.00		
Arapaho National Forest, 1914, \$18,080.			
ESTIMATED.			
Salaries.....	\$4,675.00		
As follows:			
1 forest assistant, at \$1,600.....			
1 forest assistant, at \$1,400.....			
1 assistant forest ranger, at \$1,100 (6 months).....			
3 forest guards, at \$900 each (4 months).....			
1 forest guard, hunter, at \$900 (3 months).....			
Traveling expenses.....	1,100.00		
Supplies and equipment.....	7,050.00		
Miscellaneous expenses.....	735.00		
Assessment for general administration.....	4,520.00		
Total estimate, 1914.....	18,080.00		
Total appropriation, 1913.....	14,758.00		
Increase.....	3,322.00		
Alamo National Forest, 1912, \$5,216.73.			
(Original subappropriation of \$8,770 decreased by transfer of \$3,553.27 to other subappropriations.)			
EXPENDED.			
Salaries.....	\$2,464.58		
As follows:			
1 forest assistant, at \$1,200.....			
3 forest guards, at \$900 each.....			
1 forest clerk, at \$1,200.....			
1 clerk, at \$2.50 per diem.....			
Traveling expenses.....	897.83		
Supplies and equipment.....	1,680.75		
Miscellaneous expenses.....	148.78		
Total expenditures, 1912.....	5,191.94		
Angeles National Forest, 1912, \$12,023.56.			
(Original subappropriation of \$19,983 decreased by transfer of \$7,959.44 to other subappropriations.)			
EXPENDED.			
Salaries.....	\$6,132.94		
As follows:			
1 forest assistant, at \$1,200.....			
1 forest ranger, at \$1,400.....			
2 assistant forest rangers, at \$1,100 each.....			
4 deputy forest rangers, at \$1,000 each.....			
8 forest guards, at \$900 each.....			
1 planting assistant, at \$1,400.....			
Traveling expenses.....	1,541.49		
Supplies and equipment.....	2,486.19		
Miscellaneous expenses.....	1,734.67		
Total expenditures, 1912.....	11,895.29		
Apache National Forest, 1912, \$11,263.99.			
(Original subappropriation of \$11,677 decreased by transfer of \$413.01 to other subappropriations.)			
EXPENDED.			
Salaries.....	\$4,327.00		
As follows:			
2 forest assistants, at \$1,200 each.....			
3 assistant forest rangers, at \$1,100 each.....			
13 forest guards, at \$900 each.....			
1 forest guard, at \$2.50 per diem.....			
1 field assistant, at \$600.....			
1 clerk, at \$2 per diem.....			
1 forest clerk, at \$1,100.....			
Traveling expenses.....	1,157.27		
Supplies and equipment.....	5,293.09		
Miscellaneous expenses.....	486.63		
Total expenditures, 1912.....	11,263.99		
Arapaho National Forest, 1912, \$12,973.84.			
(Original subappropriation of \$11,484 increased by transfer of \$1,489.84 from other subappropriations.)			
EXPENDED.			
Salaries.....	\$6,250.77		
As follows:			
3 forest assistants, at \$1,200 each.....			
1 assistant forest ranger, at \$1,100.....			
7 forest guards, at \$900 each.....			
2 forest guards, at \$3 per diem each.....			
9 field assistants, at \$600 each.....			
1 field assistant, at \$720.....			
2 forest clerks, at \$1,100 each.....			
3 surveyors, at \$1,200 each.....			
1 forest guard, at \$1 per diem.....			
Traveling expenses.....	1,134.75		
Supplies and equipment.....	4,574.85		
Miscellaneous expenses.....	847.49		
Total expenditures, 1912.....	12,807.86		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
General Expenses, Forest Service—Continued.			
Arkansas National Forest, 1914, \$17,910.		Arkansas National Forest, 1912, \$13,341.73. (Original subappropriation of \$13,783 decreased by transfer of \$441.27 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$5,100.00	Salaries.....	\$4,517.23
As follows:		As follows:	
2 forest assistants, at \$1,200 each.		5 forest assistants, at \$1,200 each.	
9 forest guards, at \$900 each (4 months).		1 forest assistant, at \$1,100.	
		2 assistant forest rangers, at \$1,100.	
		2 forest guards, at \$900 each.	
		3 field assistants, at \$600 each.	
		1 lumberman, at \$1,700.	
Traveling expenses.....	2,000.00	Traveling expenses.....	3,416.20
Supplies and equipment.....	6,150.00	Supplies and equipment.....	4,953.17
Miscellaneous expenses.....	200.00	Miscellaneous expenses.....	455.13
Assessment for general administration....	4,460.00		
		Total expenditures, 1912.....	13,341.73
Total estimate, 1914.....	17,910.00		
Total appropriation, 1913.....	14,402.00		
Increase.....	3,508.00		
Ashley National Forest, 1914, \$7,668.		Ashley National Forest, 1912, \$4,204.80. (Original subappropriation of \$10,184 decreased by transfer of \$5,979.20 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$3,400.00	Salaries.....	\$1,291.67
As follows:		As follows:	
1 forest assistant, at \$1,200.		1 forest assistant, at \$1,200.	
2 assistant forest rangers, at \$1,100 each.		1 assistant forest ranger, at \$1,100.	
Traveling expenses.....	600.00	Traveling expenses.....	519.23
Supplies and equipment.....	1,360.00	Supplies and equipment.....	1,867.46
Miscellaneous expenses.....	398.00	Miscellaneous expenses.....	526.19
Assessment for general administration....	1,910.00		
		Total expenditures, 1912.....	4,204.55
Total estimate, 1914.....	7,668.00		
Total appropriation, 1913.....	4,434.00		
Increase.....	3,234.00		
Battlement National Forest, 1914, \$7,380.		Battlement National Forest, 1912, \$5,269.83. (Original subappropriation of \$7,584 decreased by transfer of \$2,314.17 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$3,400.00	Salaries.....	\$2,482.78
As follows:		As follows:	
1 forest assistant, at \$1,400.		1 forest assistant, at \$1,200.	
2 assistant forest rangers, at \$1,100 (6 months).		2 assistant forest rangers, at \$1,100 each.	
3 forest guards, at \$900 (4 months).		1 forest guard, at \$900.	
		1 surveyor, at \$1,200.	
		1 forest clerk, at \$1,100.	
		1 janitor, at \$10 per month.	
Traveling expenses.....	800.00	Traveling expenses.....	696.81
Supplies and equipment.....	440.00	Supplies and equipment.....	1,386.90
Miscellaneous expenses.....	900.00	Miscellaneous expenses.....	507.55
Assessment for general administration....	1,840.00		
		Total expenditures, 1912.....	5,074.04
Total estimate, 1914.....	7,380.00		
Total appropriation, 1913.....	6,593.00		
Increase.....	787.00		
Beartooth National Forest, 1914, \$7,020.		Beartooth National Forest, 1912, \$6,333.52. (Original subappropriation of \$10,305 decreased by transfer of \$3,971.48 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$2,100.00	Salaries.....	\$3,358.04
As follows:		As follows:	
1 forest assistant, at \$1,200.		1 forest assistant, at \$1,200.	
3 forest guards, at \$900 each (4 months).		5 assistant forest rangers, at \$1,100 each.	
		2 forest guards, at \$900 each.	
Traveling expenses.....	985.00	Traveling expenses.....	1,246.15
Supplies and equipment.....	1,620.00	Supplies and equipment.....	1,162.61
Miscellaneous expenses.....	565.00	Miscellaneous expenses.....	510.74
Assessment for general administration....	1,750.00		
		Total expenditures, 1912.....	6,277.54
Total estimate, 1914.....	7,020.00		
Total appropriation, 1913.....	11,889.00		
Decrease.....	4,869.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>			
Beaverhead National Forest, 1914, \$10,535.		Beaverhead National Forest, 1912, \$6,830. (Original subappropriation of \$12,700 decreased by transfer of \$5,870 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$6,050.00	Salaries.....	\$4,864.48
As follows:		As follows:	
1 forest assistant, at \$1,200.		1 forest assistant, at \$1,100.	
4 assistant forest rangers, at \$1,100 each.		4 assistant forest rangers, at \$1,100 each.	
2 forest guards, at \$900 each (3 months).		12 forest guards, at \$900 each.	
Traveling expenses.....	625.00	1 field assistant, at \$65 per month.	
Supplies and equipment.....	665.00	Traveling expenses.....	747.40
Miscellaneous expenses.....	605.00	Supplies and equipment.....	776.03
Assessment for general administration....	2,640.00	Miscellaneous expenses.....	363.82
		Total expenditures, 1912.....	6,751.73
Total estimate, 1914.....	10,585.00		
Total appropriation, 1913.....	9,769.00		
Increase.....	816.00		
Bighorn National Forest, 1914, \$12,105.		Bighorn National Forest, 1912, \$11,866.39. (Original subappropriation of \$18,538 decreased by transfer of \$6,671.61 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$3,850.00	Salaries.....	\$4,090.83
As follows:		As follows:	
1 forest assistant, at \$1,600.		2 forest assistants, at \$1,200 each.	
6 forest guards, at \$900 each (4 months).		9 forest guards, at \$900 each.	
1 forest guard, hunter, at \$900 (6 months).		4 field assistants, at \$600 each.	
Traveling expenses.....	1,700.00	Traveling expenses.....	1,332.45
Supplies and equipment.....	400.00	Supplies and equipment.....	5,295.35
Miscellaneous expenses.....	3,075.00	Miscellaneous expenses.....	238.38
Assessment for general administration....	3,080.00	Total expenditures, 1912.....	10,957.01
Total estimate, 1914.....	12,105.00		
Total appropriation, 1913.....	16,988.00		
Decrease.....	4,883.00		
Bitterroot National Forest, 1914, \$13,531.		Bitterroot National Forest, 1912, \$9,499. (Original subappropriation of \$22,847 decreased by transfer of \$13,348 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$7,060.00	Salaries.....	\$5,719.43
As follows:		As follows:	
1 forest assistant, at \$1,200.		1 forest assistant, at \$1,200.	
2 assistant forest rangers, at \$1,100 each.		5 assistant forest rangers, at \$1,100 each.	
12 forest guards, at \$900 each (4 months).		12 forest guards, at \$900 each.	
Traveling expenses.....	740.00	1 forest guard, at \$1,100.	
Supplies and equipment.....	1,240.00	1 forest guard, at \$1,200.	
Miscellaneous expenses.....	1,171.00	Traveling expenses.....	482.96
Assessment for general administration....	3,380.00	Supplies and equipment.....	2,367.60
Total estimate, 1914.....	13,531.00	Miscellaneous expenses.....	909.75
Total appropriation, 1913.....	20,115.00	Total expenditures, 1912.....	9,479.74
Decrease.....	6,584.00		
Blackfeet National Forest, 1914, \$21,981.		Blackfeet National Forest, 1912, \$16,446.08. (Original subappropriation of \$18,262 decreased by transfer of \$1,815.92 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$10,000.00	Salaries.....	\$8,494.39
As follows:		As follows:	
1 forest assistant, at \$1,200.		1 forest assistant, at \$1,200.	
1 assistant forest ranger, at \$1,100.		6 assistant forest rangers, at \$1,100 each.	
1 clerk, at \$1,000 (6 months).		32 forest guards, at \$900 each.	
24 forest guards, at \$900 each (4 months).		2 forest guards, at \$1,100 each.	
Traveling expenses.....	1,000.00	8 forest guards, at \$1,200 each.	
Supplies and equipment.....	4,235.00	1 forest clerk, at \$1,100.	
Miscellaneous expenses.....	985.00	1 forest clerk, at \$1,000.	
Assessment for general administration....	5,761.00	Traveling expenses.....	1,281.65
Total estimate, 1914.....	21,981.00	Supplies and equipment.....	6,059.28
Total appropriation, 1913.....	21,981.00	Miscellaneous expenses.....	610.76
		Total expenditures, 1912.....	16,446.08

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>			
Black Hills National Forest, 1914, \$11, 312.		Black Hills National Forest, 1912, \$7,882.83. (Original suhappropriation of \$9,420.00 decreased by transfer of \$1,537.17 to other suhappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$4,125.00	Salaries.....	\$1,705.83
As follows:		As follows:	
1 forest assistant, at \$1,400.		2 forest assistants, at \$1,200 each.	
1 clerk, at \$900 (6 months).		1 forest assistant, at \$1,000.	
1 assistant forest ranger, at \$1,100 (6 months).		1 forest guard, at \$900.	
5 forest guards, at \$900 each (4 months).			
1 forest guard, hunter, at \$900 (3 months).			
Traveling expenses.....	1,700.00	Traveling expenses.....	1,780.37
Supplies and equipment.....	312.00	Supplies and equipment.....	3,507.81
Miscellaneous expenses.....	2,375.00	Miscellaneous expenses.....	182.89
Assessment for general administration...	2,800.00		
		Total expenditures, 1912.....	7,176.90
Total estimate, 1914.....	11,312.00		
Total appropriation, 1913.....	9,128.00		
Increase.....	2,184.00		
Boise National Forest, 1914, \$12,373.		Boise National Forest, 1912, \$7,873.66. (Original suhappropriation of \$9,173 decreased by transfer of \$1,299.34 to other suhappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$3,650.00	Salaries.....	\$3,644.90
As follows:		As follows:	
1 forest assistant, at \$1,200.		1 forest assistant, at \$1,800.	
2 assistant forest rangers, at \$1,100 each.		1 forest assistant, at \$1,200.	
3 forest guards, at \$900 each (temporary.)		10 forest guards, at \$900 each.	
		1 forest guard, at \$3 per diem.	
Traveling expenses.....	\$1,500.00	7 field assistants, at \$600 each.	
Supplies and equipment.....	3,283.00	1 clerk, at \$1,100.	
Miscellaneous expenses.....	850.00	Traveling expenses.....	\$1,100.15
Assessment for general administration...	3,090.00	Supplies and equipment.....	2,097.76
		Miscellaneous expenses.....	998.01
Total estimate, 1914.....	12,373.00	Total expenditures, 1912.....	7,840.82
Total appropriation, 1913.....	10,519.00		
Increase.....	1,854.00		
Bonneville National Forest, 1914, \$5,255.		Bonneville National Forest, 1912, \$2,814.82. (Original suhappropriation of \$3,395 decreased by transfer of \$580.18 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$2,725.00	Salaries.....	\$1,129.27
As follows:		As follows:	
1 forest assistant, at \$1,200 (6 months).		1 forest assistant, at \$1,200.	
1 assistant forest ranger, at \$1,100 (6 months).		2 assistant forest rangers, at \$1,100 each.	
3 forest guards, at \$900 each (6 months).		6 forest guards, at \$900 each.	
1 forest guard, hunter, at \$900 (3 months).		1 forest guard, at \$3 per diem.	
Traveling expenses.....	300.00	1 clerk, at \$900.	
Supplies and equipment.....	320.00	Traveling expenses.....	208.12
Miscellaneous expenses.....	600.00	Supplies and equipment.....	1,051.32
Assessment for general administration...	1,310.00	Miscellaneous expenses.....	351.14
		Total expenditures, 1912.....	2,739.85
Total estimate, 1914.....	5,255.00		
Total appropriation, 1913.....	3,993.00		
Increase.....	1,262.00		
Bridger National Forest, 1914, \$4,200.		Bridger National Forest, 1912, \$2,337.31. (Original suhappropriation of \$4,899 decreased by transfer of \$2,561.99 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$2,200.00	Salaries.....	\$1,196.95
As follows:		As follows:	
1 forest assistant, at \$1,200 (6 months).		1 forest assistant, at \$1,200.	
1 assistant forest ranger, at \$1,100 (6 months).		1 assistant forest ranger, at \$1,100.	
3 forest guards, at \$900 each (4 months).		3 forest guards, at \$900 each.	
1 forest guard, at \$900 (2 months).			
Traveling expenses.....	300.00	Traveling expenses.....	273.55
Supplies and equipment.....	200.00	Supplies and equipment.....	723.16
Miscellaneous expenses.....	450.00	Miscellaneous expenses.....	36.02
Assessment for general administration...	1,050.00		
		Total expenditures, 1912.....	2,229.68
Total estimate, 1914.....	4,200.00		
Total appropriation, 1913.....	3,638.00		
Increase.....	562.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>			
Cabinet National Forest, 1914, \$11,241.		Cabinet National Forest, 1912, \$13,886.42. (Original subappropriation of \$18,341 decreased by transfer of \$4,454.58 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$6,225.00	Salaries.....	\$4,748.78
As follows:		As follows:	
1 forest assistant, at \$1,200.		1 forest assistant, at \$1,200.	
17 forest guards, at \$900 each (temporary).		6 assistant forest rangers, at \$1,100 each.	
		11 forest guards, at \$900 each.	
Traveling expenses.....	606.00	1 forest guard, at \$12.	
Supplies and equipment.....	925.00	Traveling expenses.....	555.16
Miscellaneous expenses.....	675.00	Supplies and equipment.....	8,194.42
Assessment for general administration...	2,810.00	Miscellaneous expenses.....	346.48
Total estimate, 1914.....	11,241.00	Total expenditures, 1912.....	13,844.84
Total appropriation, 1913.....	12,847.00		
Decrease.....	1,606.00		
Cache National Forest, 1914, \$9,920.		Cache National Forest, 1912, \$4,530.69. (Original subappropriation of \$5,953 decreased by transfer of \$1,422.31 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$1,425.00	Salaries.....	\$1,454.73
As follows:		As follows:	
1 forest assistant, at \$1,200.		2 forest assistants, at \$1,200 each.	
1 forest guard, at \$900 (3 months).		1 forest ranger, at \$1,300.	
		2 assistant forest rangers, at \$1,100 each.	
Traveling expenses.....	1,100.00	2 field assistants, at \$600 each.	
Supplies and equipment.....	4,490.00	Traveling expenses.....	1,018.24
Miscellaneous expenses.....	425.00	Supplies and equipment.....	1,880.12
Assessment for general administration...	2,480.00	Miscellaneous expenses.....	171.95
Total estimate, 1914.....	9,920.00	Total expenditures, 1912.....	4,525.04
Total appropriation, 1913.....	7,703.00		
Increase.....	2,217.00		
California National Forest, 1914, \$13,863.		California National Forest, 1912, \$9,400. (Original subappropriation of \$12,091 decreased by transfer of \$2,691 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$6,300.00	Salaries.....	\$5,418.57
As follows:		As follows:	
1 forest assistant, at \$1,300.		1 forest assistant, at \$1,200.	
2 assistant forest rangers, at \$1,100 each (6 months).		6 assistant forest rangers, at \$1,100 each.	
13 forest guards, at \$900 each (4 months).		6 forest guards, at \$720 each.	
		12 forest guards, at \$900 each.	
Traveling expenses.....	700.00	1 forest guard, at \$600.	
Supplies and equipment.....	1,020.00	Traveling expenses.....	856.32
Miscellaneous expenses.....	2,383.00	Supplies and equipment.....	1,938.16
Assessment for general administration...	3,460.00	Miscellaneous expenses.....	1,159.56
Total estimate, 1914.....	13,863.00	Total expenditures, 1912.....	9,372.61
Total appropriation, 1913.....	11,993.00		
Increase.....	1,870.00		
Caribou National Forest, 1914, \$6,146.		Caribou National Forest, 1912, \$2,975.90. (Original subappropriation of \$3,702 decreased by transfer of \$726.10 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$2,100.00	Salaries.....	\$730.28
As follows:		As follows:	
1 forest assistant, at \$1,200.		1 forest assistant, at \$1,200.	
3 forest guards, at \$900 each (4 months).		2 assistant forest rangers, at \$1,100 each.	
		1 forest clerk, at \$1,100.	
Traveling expenses.....	400.00	1 forest clerk, at \$900.	
Supplies and equipment.....	1,416.00	Traveling expenses.....	470.15
Miscellaneous expenses.....	700.00	Supplies and equipment.....	1,386.44
Assessment for general administration...	1,530.00	Miscellaneous expenses.....	388.95
Total estimate, 1914.....	6,146.00	Total expenditures, 1912.....	2,975.52
Total appropriation, 1913.....	5,228.00		
Increase.....	918.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>			
Carson National Forest, 1914, \$19,260.		Carson National Forest, 1912, \$16,887.46. (Original subappropriation of \$15,920 increased by transfer of \$967.46 from other subappropriations.)	
ESTIMATED.	EXPENDED.		
Salaries..... \$5,150.00	Salaries..... \$7,934.43		
As follows:	As follows:		
2 forest assistants, at \$1,200 each.	1 forest assistant, at \$1,000.		
1 clerk, at \$1,100.	5 forest assistants, at \$1,200 each.		
5 forest guards, at \$900 each (4 months).	1 forest assistant, at \$1,100.		
1 forest guard, hunter, at \$900 (2 months).	1 assistant forest ranger, at \$1,100.		
	2 forest guards, at \$1,100 each.		
	14 forest guards, at \$900 each.		
	1 forest guard, at \$1,200.		
	2 field assistants, at \$50 per month each.		
	1 hunter, at \$900.		
	1 lumberman, at \$1,800.		
	1 forest supervisor, at \$2,000.		
	1 clerk, at \$900.		
	1 forest clerk, at \$1,200.		
Traveling expenses..... 1,200.00	Traveling expenses..... 2,089.60		
Supplies and equipment..... 8,100.00	Supplies and equipment..... 6,167.14		
Miscellaneous expenses..... 150.00	Miscellaneous expenses..... 696.29		
Assessment for general administration... 4,660.00			
Total estimate, 1914..... 19,260.00	Total expenditures, 1912..... 16,887.46		
Total appropriation, 1913..... 17,291.00			
Increase..... 1,969.00			
Cascade National Forest, 1914, \$12,179.		Cascade National Forest, 1912, \$9,905. (Original subappropriation of \$14,084 decreased by transfer of \$4,179 to other subappropriations.)	
ESTIMATED.	EXPENDED.		
Salaries..... \$6,975.00	Salaries..... \$7,406.24		
As follows:	As follows:		
1 forest assistant, at \$1,400.	1 forest assistant, at \$1,200.		
1 assistant forest ranger, at \$1,100 (6 months).	3 assistant forest rangers, at \$1,100 each.		
16 forest guards, at \$900 each (4 months).	19 forest guards, at \$900 each.		
1 forest guard, at \$900 (3 months).	1 forest guard, at \$2.50 per diem.		
Traveling expenses..... 1,100.00	1 temporary clerk, at \$900.		
Supplies and equipment..... 100.00	Traveling expenses..... 802.70		
Miscellaneous expenses..... 825.00	Supplies and equipment..... 1,450.77		
Assessment for general administration... 3,179.00	Miscellaneous expenses..... 236.87		
Total estimate, 1914..... 12,179.00	Total expenditures, 1912..... 9,896.58		
Total appropriation, 1913..... 12,179.00			
Challis National Forest, 1914, \$7,015.		Challis National Forest, 1912, \$4,784.49. (Original subappropriation of \$8,679 decreased by transfer of \$3,894.51 to other subappropriations.)	
ESTIMATED.	EXPENDED.		
Salaries..... \$3,825.00	Salaries..... \$3,305.28		
As follows:	As follows:		
1 forest assistant, at \$1,200.	1 forest ranger, at \$1,300.		
6 forest guards, at \$900 each (temporary).	2 assistant forest rangers, at \$1,100 each.		
	9 forest guards, at \$900 each.		
	1 field assistant, at \$50 per month.		
	1 hunter, at \$900.		
Traveling expenses..... 300.00	Traveling expenses..... 518.53		
Supplies and equipment..... 700.00	Supplies and equipment..... 745.29		
Miscellaneous expenses..... 440.00	Miscellaneous expenses..... 215.39		
Assessment for general administration... 1,750.00			
Total estimate, 1914..... 7,015.00	Total expenditures, 1912..... 4,784.49		
Total appropriation, 1913..... 5,226.00			
Increase..... 1,789.00			
Chelan National Forest, 1914, \$9,130.		Chelan National Forest, 1912, \$6,678.33. (Original subappropriation of \$10,407 decreased by transfer of \$3,728.67 to other subappropriations.)	
ESTIMATED.	EXPENDED.		
Salaries..... \$4,450.00	Salaries..... \$4,451.65		
As follows:	As follows:		
1 forest assistant, at \$1,200.	1 forest assistant, at \$1,200.		
1 assistant forest ranger, at \$1,100 (6 months).	3 assistant forest rangers, at \$1,100 each.		
9 forest guards, at \$900 each (4 months).	12 forest guards, at \$900 each.		
Traveling expenses..... 900.00	Traveling expenses..... 629.76		
Supplies and equipment..... 610.00	Supplies and equipment..... 971.38		
Miscellaneous expenses..... 890.00	Miscellaneous expenses..... 622.85		
Assessment for general administration... 2,280.00			
Total estimate, 1914..... 9,130.00	Total expenditures, 1912..... 6,675.64		
Total appropriation, 1913..... 8,068.00			
Increase..... 1,062.00			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
General Expenses, Forest Service—Continued.			
Chiricahua National Forest, 1914, \$6,905.		Chiricahua National Forest, 1912, \$6,931.27. (Original subappropriation of \$5,459 increased by transfer of \$1,472.27 from other subappropriations.)	
ESTIMATED.	EXPENDED.		
Salaries.....	\$3,450.00	Salaries.....	\$2,136.39
As follows:		As follows:	
1 forest assistant, at \$1,200.		2 forest assistants, at \$1,200 each.	
10 forest guards, at \$900 each (3 months).		3 forest guards, at \$900 each.	
Traveling expenses.....	600.00	1 forest clerk, at \$1,200.	
Supplies and equipment.....	985.00	1 unskilled laborer, at \$60 per month.	
Miscellaneous expenses.....	150.00	Traveling expenses.....	635.11
Assessment for general administration...	1,720.00	Supplies and equipment.....	4,016.64
		Miscellaneous expenses.....	90.72
Total estimate, 1914.....	6,905.00	Total expenditures, 1912.....	6,878.86
Total appropriation, 1913.....	8,382.00		
Decrease.....	1,477.00		
Chugach National Forest, 1914, \$22,530.		Chugach National Forest, 1912, \$13,429.46. (Original subappropriation of \$25,280 decreased by transfer of \$11,850.54 to other subappropriations.)	
ESTIMATED.	EXPENDED.		
Salaries.....	\$11,100.00	Salaries.....	\$7,912.23
As follows:		As follows:	
1 deputy supervisor, at \$1,600.		1 forest ranger, at \$1,500.	
1 clerk, at \$1,400.		2 assistant forest rangers, at \$1,500 each.	
2 forest rangers, at \$1,500 each.		3 forest guards, at \$1,200 each.	
1 assistant forest ranger, at \$1,500.		1 deputy forest supervisor, at \$1,600.	
6 forest guards, at \$1,200 each (6 months).		1 clerk, at \$1,400.	
Traveling expenses.....	1,500.00	1 clerk, at \$600.	
Supplies and equipment.....	2,000.00	1 clerk, stenographer and typewriter, at \$1,400.	
Miscellaneous expenses.....	2,300.00	1 clerk, stenographer and typewriter, at \$900.	
Assessment for general administration...	5,630.00	Traveling expenses.....	1,686.45
		Supplies and equipment.....	3,235.35
Total estimate, 1914.....	22,530.00	Miscellaneous expenses.....	587.15
Total appropriation, 1913.....	23,485.00	Total expenditures, 1912.....	13,421.18
Decrease.....	955.00		
Clearwater National Forest, 1914, \$15,827.		Clearwater National Forest, 1912, \$11,758.08. (Original subappropriation of \$14,843 decreased by transfer of \$3,084.92 to other subappropriations.)	
ESTIMATED.	EXPENDED.		
Salaries.....	\$6,800.00	Salaries.....	\$6,311.68
As follows:		As follows:	
1 forest assistant, at \$1,200.		1 forest assistant, at \$1,200.	
1 clerk, at \$1,100.		3 assistant forest rangers, at \$1,100 each.	
15 forest guards, at \$900 each (4 months).		23 forest guards, at \$900 each.	
Traveling expenses.....	500.00	1 forest guard, at \$1,000.	
Supplies and equipment.....	3,530.00	2 clerks, at \$1,100.	
Miscellaneous expenses.....	660.00	1 clerk, at \$900.	
Assessment for general administration...	4,337.00	Traveling expenses.....	462.04
		Supplies and equipment.....	4,356.34
Total estimate, 1914.....	15,827.00	Miscellaneous expenses.....	586.86
Total appropriation, 1913.....	15,827.00	Total expenditures, 1912.....	11,696.92
Cleveland National Forest, 1914, \$16,329.		Cleveland National Forest, 1912, \$7,476.73. (Original subappropriation of \$17,937 decreased by transfer of \$10,460.27 to other subappropriations.)	
ESTIMATED.	EXPENDED.		
Salaries.....	\$6,350.00	Salaries.....	\$2,150.00
As follows:		As follows:	
1 forest assistant, at \$1,200.		2 assistant forest rangers, at \$1,100 each.	
8 assistant forest rangers, at \$1,100 each (6 months).		1 assistant forest ranger, at \$1,000.	
2 forest guards, at \$900 each (4 months).		10 forest guards, at \$900 each.	
1 forest guard, at \$900 (2 months).		Traveling expenses.....	1,860.08
Traveling expenses.....	1,200.00	Supplies and equipment.....	4,368.61
Supplies and equipment.....	1,100.00	Miscellaneous expenses.....	1,189.96
Miscellaneous expenses.....	3,599.00	Total expenditures, 1912.....	9,568.65
Assessment for general administration...	4,080.00	Excess due to Federal cooperative work, appropriation to be reimbursed.....	2,091.92
Total estimate, 1914.....	16,329.00	Net total.....	7,476.73
Total appropriation, 1913.....	9,499.00		
Increase.....	6,830.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>			
Cochetopa National Forest, 1914, \$8,204.		Cochetopa National Forest, 1912, \$6,729.68. (Original subappropriation of \$9,540 decreased by transfer of \$2,810.32 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$3,300.00	Salaries.....	\$2,259.44
As follows:		As follows:	
1 forest assistant, at \$1,400.		1 forest assistant, at \$1,200.	
1 assistant forest ranger, at \$1,100 (6 months).		1 assistant forest ranger, at \$1,100.	
3 forest guards, at \$900 each (6 months).		2 forest guards, at \$900 each.	
Traveling expenses.....	1,000.00	Traveling expenses.....	534.87
Supplies and equipment.....	494.00	Supplies and equipment.....	3,286.35
Miscellaneous expenses.....	1,360.00	Miscellaneous expenses.....	423.43
Assessment for general administration...	2,050.00		
Total estimate, 1914.....	8,204.00	Total expenditures, 1912.....	6,504.09
Total appropriation, 1913.....	7,159.00		
Increase.....	1,045.00		
Coconino National Forest, 1914, \$13,813.		Coconino National Forest, 1912, \$15,429.75. (Original subappropriation of \$14,942 increased by transfer of \$487.75 from other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$6,050.00	Salaries.....	\$6,940.80
As follows:		As follows:	
2 forest assistants, at \$1,200 each.		3 forest assistants, at \$1,200 each.	
1 forest agent, at \$1,100.		3 assistant forest rangers, at \$1,100 each.	
1 assistant forest ranger, at \$900.		1 assistant forest ranger, at \$900.	
4 forest guards, at \$900 each (temporary).		11 forest guards, at \$900 each.	
Traveling expenses.....	600.00	4 forest guards, at \$720 each.	
Supplies and equipment.....	3,033.00	1 forest clerk, at \$1,100.	
Miscellaneous expenses.....	680.00	1 forest examiner, at \$1,700.	
Assessment for general administration...	3,450.00	1 lumberman, at \$1,700.	
Total estimate, 1914.....	13,813.00	1 unskilled laborer, at \$9 per month.	
Total appropriation, 1913.....	16,994.00	Traveling expenses.....	1,821.93
Decrease.....	3,181.00	Supplies and equipment.....	5,884.89
Coeur d'Alene National Forest, 1914, \$40,337.		Miscellaneous expenses.....	782.13
ESTIMATED.		Total expenditures, 1912.....	15,429.75
Salaries.....	\$22,300.00		
As follows:			
1 forest assistant, at \$1,200.			
1 forest assistant, at \$1,400.			
4 assistant forest rangers, at \$1,100 each.			
51 forest guards, at \$900 each (4 months).			
Traveling expenses.....	2,500.00		
Supplies and equipment.....	6,117.00		
Miscellaneous expenses.....	1,140.00		
Assessment for general administration...	8,280.00		
Total estimate, 1914.....	40,337.00		
Total appropriation, 1913.....	15,239.00		
Increase.....	25,098.00		
Colorado National Forest, 1914, \$8,734.		Coeur d'Alene National Forest, 1912, \$16,685.27. (Original subappropriation of \$16,155 increased by transfer of \$530.27 from other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$3,675.00	Salaries.....	\$7,754.65
As follows:		As follows:	
1 forest assistant, at \$1,400.		1 forest assistant, at \$1,200.	
1 assistant forest ranger, at \$1,100 (6 months).		1 forest assistant, at \$1,400.	
3 forest guards, at \$900 each (6 months).		11 assistant forest rangers, at \$1,100 each.	
1 forest guard, at \$900 (2 months).		27 forest guards, at \$900 each.	
1 forest guard, hunter, at \$900 (3 months).		1 forest guard, at \$12.	
Traveling expenses.....	1,200.00	2 clerks, at \$900 each.	
Supplies and equipment.....	200.00	Traveling expenses.....	2,992.99
Miscellaneous expenses.....	1,160.00	Supplies and equipment.....	4,762.66
Assessment for general administration...	2,499.00	Miscellaneous expenses.....	1,039.36
Total estimate, 1914.....	8,734.00	Total expenditures, 1912.....	16,549.66
Total appropriation, 1913.....	8,734.00		
		Colorado National Forest, 1912, \$7,487.81. (Original subappropriation of \$10,528 decreased by transfer of \$3,040.19 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$3,675.00	Salaries.....	\$3,260.53
As follows:		As follows:	
1 forest assistant, at \$1,400.		1 forest assistant, at \$1,200.	
1 assistant forest ranger, at \$1,100 (6 months).		4 assistant forest rangers, at \$1,100 each.	
3 forest guards, at \$900 each (6 months).		2 forest guards, at \$900 each.	
1 forest guard, at \$900 (2 months).		4 field assistants, at \$600 each.	
1 forest guard, hunter, at \$900 (3 months).		1 clerk, at \$1,100.	
Traveling expenses.....	1,200.00	Traveling expenses.....	1,302.90
Supplies and equipment.....	200.00	Supplies and equipment.....	1,883.36
Miscellaneous expenses.....	1,160.00	Miscellaneous expenses.....	534.25
Assessment for general administration...	2,499.00	Total expenditures, 1912.....	6,981.04
Total estimate, 1914.....	8,734.00		
Total appropriation, 1913.....	8,734.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>			
Columbia National Forest, 1914, \$13,867.		Columbia National Forest, 1912, \$16,303.92. (Original subappropriation of \$16,472 decreased by transfer of \$168.08 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$6,900.00	Salaries.....	\$7,944.99
As follows:		As follows:	
1 forest assistant, at \$1,500.		1 forest assistant, at \$1,500.	
1 forest assistant, at \$1,300.		1 forest assistant, at \$1,300.	
2 assistant forest rangers, at \$1,100 each (6 months).		2 assistant forest rangers, at \$1,100 each.	
10 forest guards, at \$900 each (4 months).		17 forest guards, at \$900 each.	
Traveling expenses.....	1,200.00	3 field assistants, at \$600 each.	
Supplies and equipment.....	1,056.00	Traveling expenses.....	682.72
Miscellaneous expenses.....	1,294.00	Supplies and equipment.....	6,488.23
Assessment for general administration...	3,417.00	Miscellaneous expenses.....	1,182.94
Total estimate, 1914.....	13,867.00	Total expenditures, 1912.....	16,298.88
Total appropriation, 1913.....	13,867.00		
Colville National Forest, 1914, \$12,174.		Colville National Forest, 1912, \$9,194.47. (Original subappropriation of \$13,525 decreased by transfer of \$4,330.53 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$5,900.00	Salaries.....	\$6,028.60
As follows:		As follows:	
1 forest assistant, at \$1,200.		2 forest assistants, at \$1,200 each.	
2 assistant forest rangers, at \$1,100 each (6 months).		10 forest guards, at \$900 each.	
12 forest guards, at \$900 each (4 months).		3 assistant forest rangers, at \$1,100 each.	
Traveling expenses.....	1,200.00	6 field assistants, at \$600 each.	
Supplies and equipment.....	560.00	1 clerk, at \$720.	
Miscellaneous expenses.....	1,720.00	Traveling expenses.....	772.75
Assessment for general administration...	2,794.00	Supplies and equipment.....	1,753.69
Total estimate, 1914.....	12,174.00	Miscellaneous expenses.....	630.64
Total appropriation, 1913.....	10,609.00	Total expenditures, 1912.....	9,185.68
Increase.....	1,565.00		
Coronado National Forest, 1914, \$11,485.		Coronado National Forest, 1912, \$4,692. (Original subappropriation of \$15,517 decreased by transfer of \$10,825 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$1,200.00	Salaries.....	\$1,041.66
As follows:		As follows:	
4 forest guards, at \$900 each (4 months).		4 forest guards, at \$900 each.	
Traveling expenses.....	700.00	1 clerk, at \$1,000.	
Supplies and equipment.....	6,075.00	Traveling expenses.....	741.78
Miscellaneous expenses.....	640.00	Supplies and equipment.....	2,072.16
Assessment for general administration...	2,870.00	Miscellaneous expenses.....	829.14
Total estimate, 1914.....	11,485.00	Total expenditures, 1912.....	4,684.74
Total appropriation, 1913.....	8,501.00		
Increase.....	2,984.00		
Crater National Forest, 1914, \$20,000.		Crater National Forest, 1912, \$21,088.93. (Original subappropriation of \$20,355 increased by transfer of \$733.93 from other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$8,700.00	Salaries.....	\$10,110.83
As follows:		As follows:	
1 forest assistant, at \$1,500.		1 forest assistant, at \$1,500.	
1 forest assistant, at \$1,200.		1 forest assistant, at \$1,200.	
6 assistant forest rangers, at \$1,100 each (6 months).		7 assistant forest rangers, at \$1,100 each.	
9 forest guards, at \$900 each (4 months).		15 forest guards, at \$900 each.	
Traveling expenses.....	1,000.00	2 forest guards, at \$720 each.	
Supplies and equipment.....	1,150.00	16 field assistants, at \$600 each.	
Miscellaneous expenses.....	4,150.00	1 forest supervisor, at \$2,000.	
Assessment for general administration...	5,000.00	1 hunter, at \$900.	
Total estimate, 1914.....	20,000.00	Traveling expenses.....	1,830.15
Total appropriation, 1913.....	25,059.00	Supplies and equipment.....	7,935.59
Decrease.....	5,059.00	Miscellaneous expenses.....	1,194.19
		Total expenditures, 1912.....	21,070.76

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>			
Crook National Forest, 1914, \$5,240.		Crook National Forest, 1912, \$3,877.37. (Original subappropriation of \$8,756 decreased by transfer of \$4,878.63 to other subappropriations.)	
ESTIMATED.	EXPENDED.		
Salaries.....	\$2,200.00	Salaries.....	\$364.06
As follows:		As follows:	
1 forest agent, at \$1,100.		1 forest clerk, at \$1,100.	
3 forest guards, at \$900 each (temporary).		1 unskilled laborer, at \$84 per annum.	
Traveling expenses.....	640.00	1 lumberman, at \$1,800.	
Supplies and equipment.....	750.00	Traveling expenses.....	665.12
Miscellaneous expenses.....	340.00	Supplies and equipment.....	2,512.78
Assessment for general administration...	1,310.00	Miscellaneous expenses.....	335.41
Total estimate, 1914.....	5,240.00	Total expenditures, 1912.....	3,877.37
Total appropriation, 1913.....	6,039.00		
Decrease.....	799.00		
Custer National Forest, 1914, \$6,486.		Custer National Forest, 1912, \$6,031.66. (Original subappropriation of \$6,386 decreased by transfer of \$354.34 to other subappropriations.)	
ESTIMATED.	EXPENDED.		
Salaries.....	\$3,500.00	Salaries.....	\$4,377.78
As follows:		As follows:	
1 forest supervisor, at \$1,400.		1 forest assistant, at \$1,200.	
1 forest assistant, at \$1,200.		3 assistant forest rangers, at \$1,100 each.	
3 forest guards, at \$900 each (4 months).		5 forest guards, at \$900 each.	
Traveling expenses.....	350.00	1 forest guard, at \$12 per annum.	
Supplies and equipment.....	567.00	1 clerk, at \$1,100.	
Miscellaneous expenses.....	449.00	1 forest supervisor, at \$1,400.	
Assessment for general administration...	1,620.00	Traveling expenses.....	591.01
Total estimate, 1914.....	6,486.00	Supplies and equipment.....	700.16
Total appropriation, 1913.....	8,358.00	Miscellaneous expenses.....	284.02
Decrease.....	1,872.00	Total expenditures, 1912.....	5,952.97
Dakota National Forest, 1914, \$835.		Dakota National Forest, 1912, \$625. (Original subappropriation of \$933 decreased by transfer of \$308 to other subappropriations.)	
ESTIMATED.	EXPENDED.		
Salaries.....	\$300.00	Salaries.....	\$410.00
As follows:		As follows:	
1 forest guard, at \$900 (4 months).		2 forest assistants, at \$1,200 each.	
Traveling expenses.....	120.00	Traveling expenses.....	190.80
Supplies and equipment.....	195.00	Supplies and equipment.....	11.65
Miscellaneous expenses.....	10.00	Total expenditures, 1912.....	612.45
Assessment for general administration...	210.00		
Total estimate, 1914.....	835.00		
Total appropriation, 1913.....	1,232.00		
Decrease.....	397.00		
Dart National Forest, 1914, \$20,960.		Dart National Forest, 1912, \$11,066.39. (Original subappropriation of \$18,304 decreased by transfer of \$7,237.61 to other subappropriations.)	
ESTIMATED.	EXPENDED.		
Salaries.....	\$6,200.00	Salaries.....	\$4,655.84
As follows:		As follows:	
1 forest assistant, at \$1,200.		1 forest assistant, at \$1,200.	
1 clerk, at \$1,100.		2 assistant forest rangers, at \$1,100 each.	
1 clerk, at \$900.		1 forest guard, at \$1,100.	
10 forest guards, at \$900 each (temporary).		11 forest guards, at \$900 each.	
Traveling expenses.....	1,800.00	1 forest guard, at \$660.	
Supplies and equipment.....	7,050.00	2 trappers, at \$900 each.	
Miscellaneous expenses.....	670.00	1 lumberman, at \$1,800.	
Assessment for general administration...	5,240.00	1 unskilled laborer, at \$60.	
Total estimate, 1914.....	20,960.00	1 clerk, at \$1,100.	
Total appropriation, 1913.....	13,688.00	1 clerk, at \$900.	
Increase.....	7,272.00	1 clerk, at \$3 per diem.	
		Traveling expenses.....	1,219.09
		Supplies and equipment.....	4,532.61
		Miscellaneous expenses.....	639.38
		Total expenditures, 1912.....	11,046.92

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>			
Deerlodge National Forest, 1914, \$16,893.		Deerlodge National Forest, 1912, \$18,655. (Original subappropriation of \$16,540 increased by transfer of \$2,115 from other subappropriations.)	
ESTIMATED.	EXPENDED.		
Salaries.....	Salaries.....	\$2,700.00	\$10,562.57
As follows:	As follows:		
1 forest assistant, at \$1,200.	1 forest assistant, at \$1,200.		
5 forest guards, at \$900 each (4 months).	1 forest assistant, at \$1,100.		
	12 assistant forest rangers, at \$1,100 each.		
	1 forest assistant, at \$1,500.		
	16 forest guards, at \$900 each.		
Traveling expenses.....	Traveling expenses.....	1,230.00	2,227.39
Supplies and equipment.....	Supplies and equipment.....	7,876.00	4,522.93
Miscellaneous expenses.....	Miscellaneous expenses.....	867.00	1,099.38
Assessment for general administration.....		4,220.00	
	Total expenditures, 1912.....		18,412.27
Total estimate, 1914.....		16,893.00	
Total appropriation, 1913.....		18,389.00	
Decrease.....		1,496.00	
Descubtes National Forest, 1914, \$12,260.		Descubtes National Forest, 1912, \$9,400.14. (Original subappropriation of \$8,258 increased by transfer of \$1,142.14 from other subappropriations.)	
ESTIMATED.	EXPENDED.		
Salaries.....	Salaries.....	\$6,450.00	\$4,579.43
As follows:	As follows:		
1 forest assistant, at \$1,200.	1 forest assistant, at \$1,100.		
3 assistant forest rangers, at \$1,100 each (6 months).	3 assistant forest rangers, at \$1,100 each.		
12 forest guards, at \$900 each (4 months).	15 forest guards, at \$900 each.		
	2 field assistants, at \$600 each.		
	1 forest clerk, at \$1,200.		
Traveling expenses.....	Traveling expenses.....	1,000.00	840.90
Supplies and equipment.....	Supplies and equipment.....	550.00	3,431.50
Miscellaneous expenses.....	Miscellaneous expenses.....	1,200.00	540.72
Assessment for general administration.....		3,060.00	
	Total expenditures, 1912.....		9,392.55
Total estimate, 1914.....		12,260.00	
Total appropriation, 1913.....		11,406.00	
Increase.....		854.00	
Dixie National Forest, 1914, \$4,777.		Dixie National Forest, 1912, \$4,133.33. (Original subappropriation of \$4,237 decreased by transfer of \$103.67 to other subappropriations.)	
ESTIMATED.	EXPENDED.		
Salaries.....	Salaries.....	\$1,350.00	\$937.09
As follows:	As follows:		
3 forest guards, at \$900 each (6 months).	1 forest ranger, at \$1,300.		
	1 assistant forest ranger, at \$1,100.		
	2 forest guards, at \$900 each.		
	1 unskilled laborer, at \$90 per annum.		
Traveling expenses.....	Traveling expenses.....	300.00	745.42
Supplies and equipment.....	Supplies and equipment.....	1,475.00	1,970.98
Miscellaneous expenses.....	Miscellaneous expenses.....	462.00	467.44
Assessment for general administration.....		1,190.00	
	Total expenditures, 1912.....		4,120.93
Total estimate, 1914.....		4,777.00	
Total appropriation, 1913.....		3,990.00	
Increase.....		787.00	
Durango National Forest, 1914, \$8,685.		Durango National Forest, 1912, \$6,550.81. (Original subappropriation of \$11,111 decreased by transfer of \$4,560.19 to other subappropriations.)	
ESTIMATED.	EXPENDED.		
Salaries.....	Salaries.....	\$3,900.00	\$2,264.17
As follows:	As follows:		
1 forest assistant, at \$1,400.	2 forest assistants, at \$1,200 each.		
1 clerk, at \$900 (6 months).	1 forest guard, at \$1,100.		
1 assistant forest ranger, at \$1,100 (6 months).	7 forest guards, at \$900 each.		
5 forest guards, at \$900 each (4 months).	1 clerk, at \$900.		
Traveling expenses.....	Traveling expenses.....	750.00	373.47
Supplies and equipment.....	Supplies and equipment.....	715.00	3,115.46
Miscellaneous expenses.....	Miscellaneous expenses.....	1,150.00	723.90
Assessment for general administration.....		2,170.00	
	Total expenditures, 1912.....		6,477.00
Total estimate, 1914.....		8,685.00	
Total appropriation, 1913.....		7,558.00	
Increase.....		1,127.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>			
Eldorado National Forest, 1914, \$13,086.		Eldorado National Forest, 1912, \$3,500. (Original subappropriation of \$10,208 decreased by transfer of \$1,708 to other subappropriations.)	
ESTIMATED.	EXPENDED.		
Salaries..... \$5,800.00	Salaries..... \$4,629.59		
As follows:	As follows:		
1 forest assistant, at \$1,200.	1 forest assistant, at \$1,200.		
4 assistant forest rangers, at \$1,100 each (6 months).	6 assistant forest rangers, at \$1,100 each.		
8 forest guards, at \$900 each (4 months).	6 forest guards, at \$900 each.		
	1 forest guard, at \$660.		
	2 forest guards, at \$1,100 each.		
	2 forest guards at \$12 each.		
	2 field assistants, at \$600 each.		
	1 expert, at \$1,500.		
Traveling expenses..... 1,100.00	Traveling expenses..... 1,050.94		
Supplies and equipment..... 800.00	Supplies and equipment..... 1,764.49		
Miscellaneous expenses..... 2,116.00	Miscellaneous expenses..... 1,024.96		
Assessment for general administration... 3,270.00			
	Total expenditures, 1912..... 8,469.98		
Total estimate, 1914..... 13,086.00			
Total appropriation, 1913..... 11,213.00			
Increase..... 1,873.00			
Fillmore National Forest, 1914, \$2,210.		Fillmore National Forest, 1912, \$4,281. (Original subappropriation of \$5,477 decreased by transfer of \$1,196 to other subappropriations.)	
ESTIMATED.	EXPENDED.		
Traveling expenses..... \$300.00	Salaries..... \$1,112.22		
Supplies and equipment..... 845.00	As follows:		
Miscellaneous expenses..... 515.00	2 forest clerks, at \$1,100 each.		
Assessment for general administration... 550.00	Traveling expenses..... 461.67		
	Supplies and equipment..... 2,313.20		
Total estimate, 1914..... 2,210.00	Miscellaneous expenses..... 382.42		
Total appropriation, 1913..... 3,655.00	Total expenditures, 1912..... 4,269.51		
Decrease..... 1,445.00			
Fishlake National Forest, 1914, \$6,376.		Fishlake National Forest, 1912, \$3,525. (Original subappropriation of \$3,889 decreased by transfer of \$364 to other subappropriations.)	
ESTIMATED.	EXPENDED.		
Salaries..... \$1,650.00	Salaries..... \$186.39		
As follows:	As follows:		
1 forest assistant, at \$1,200.	2 assistant forest rangers, at \$1,100 each.		
1 forest guard, at \$900 (6 months).	1 forest guard, at \$900.		
	1 field assistant, at \$600.		
Traveling expenses..... 750.00	Traveling expenses..... 704.23		
Supplies and equipment..... 1,764.00	Supplies and equipment..... 1,938.69		
Miscellaneous expenses..... 622.00	Miscellaneous expenses..... 565.90		
Assessment for general administration... 1,500.00	Total expenditures, 1912..... 3,395.21		
Total estimate, 1914..... 6,376.00			
Total appropriation, 1913..... 3,510.00			
Increase..... 2,866.00			
Flathead National Forest, 1914, \$27,116.		Flathead National Forest, 1912, \$27,362.01. (Original subappropriation of \$28,151 decreased by transfer of \$788.99 to other subappropriations.)	
ESTIMATED.	EXPENDED.		
Salaries..... \$16,100.00	Salaries..... \$10,022.05		
As follows:	As follows:		
1 forest assistant, at \$1,400.	1 forest assistant, at \$1,400.		
3 assistant forest rangers, at \$1,100 each.	8 assistant forest rangers, at \$1,100 each.		
38 forest guards, at \$900 each (4 months).	1 assistant forest ranger, at \$1,200.		
	25 forest guards, at \$900 each.		
	1 forest guard, at \$1,100.		
	4 forest guards, at \$600 each.		
	1 clerk, at \$900.		
	2 packers, at \$900 each.		
	1 surveyor, at \$1,100.		
Traveling expenses..... 1,000.00	Traveling expenses..... 730.97		
Supplies and equipment..... 2,240.00	Supplies and equipment..... 15,773.42		
Miscellaneous expenses..... 865.00	Miscellaneous expenses..... 829.60		
Assessment for general administration... 6,911.00	Total expenditures, 1912..... 27,355.04		
Total estimate, 1914..... 27,116.00			
Total appropriation, 1913..... 27,116.00			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>		
<div> <div> <p>Florida National Forest, 1914, \$7,665.</p> <p>ESTIMATED.</p> <p>Salaries..... \$3,425.00</p> <p>As follows:</p> <p>1 forest assistant, at \$1,200.</p> <p>1 forest agent, at \$1,100.</p> <p>5 forest guards, at \$900 each (temporary).</p> <p>Traveling expenses..... 1,000.00</p> <p>Supplies and equipment..... 800.00</p> <p>Miscellaneous expenses..... 530.00</p> <p>Assessment for general administration... 1,910.00</p> <p>Total estimate, 1914..... 7,665.00</p> <p>Total appropriation, 1913..... 9,914.00</p> <p>Decrease..... 2,249.00</p> <p>Fremont National Forest, 1914, \$12,400.</p> <p>ESTIMATED.</p> <p>Salaries..... \$6,000.00</p> <p>As follows:</p> <p>1 forest assistant, at \$1,400.</p> <p>1 grazing assistant, at \$1,300.</p> <p>11 forest guards, at \$900 each (4 months).</p> <p>Traveling expenses..... 1,200.00</p> <p>Supplies and equipment..... 671.00</p> <p>Miscellaneous expenses..... 1,429.00</p> <p>Assessment for general administration... 3,100.00</p> <p>Total estimate, 1914..... 12,400.00</p> <p>Total appropriation, 1913..... 10,807.00</p> <p>Increase..... 1,593.00</p> <p>Gallatin National Forest, 1914, \$6,161.</p> <p>ESTIMATED.</p> <p>Salaries..... \$1,800.00</p> <p>As follows:</p> <p>1 forest assistant, at \$1,200.</p> <p>2 forest guards, at \$900 each (4 months).</p> <p>Traveling expenses..... 700.00</p> <p>Supplies and equipment..... 1,520.00</p> <p>Miscellaneous expenses..... 601.00</p> <p>Assessment for general administration... 1,540.00</p> <p>Total estimate, 1914..... 6,161.00</p> <p>Total appropriation, 1913..... 6,873.00</p> <p>Decrease..... 712.00</p> <p>Gila National Forest, 1914, \$14,460.</p> <p>ESTIMATED.</p> <p>Salaries..... \$6,285.00</p> <p>As follows:</p> <p>1 forest assistant, at \$1,200</p> <p>1 forest agent, at \$960.</p> <p>17 forest guards, at \$900 each (temporary).</p> <p>Traveling expenses..... 1,500.00</p> <p>Supplies and equipment..... 2,465.00</p> <p>Miscellaneous expenses..... 600.00</p> <p>Assessment for general administration... 3,610.00</p> <p>Total estimate, 1914..... 14,460.00</p> <p>Total appropriation, 1913..... 24,165.00</p> <p>Decrease..... 9,705.00</p> </div> <div> <p>Florida National Forest, 1912, \$8,130.</p> <p>(Original subappropriation of \$6,970 increased by transfer of \$1,160 from other subappropriations.)</p> <p>EXPENDED.</p> <p>Salaries..... \$2,936.67</p> <p>As follows:</p> <p>1 forest assistant, at \$1,200.</p> <p>2 forest guards, at \$900 each.</p> <p>1 forest guard, at \$720.</p> <p>1 forest agent, at \$1,200.</p> <p>2 forest clerks, at \$1,100 each.</p> <p>1 forest clerk, at \$900.</p> <p>Traveling expenses..... 1,174.88</p> <p>Supplies and equipment..... 3,365.19</p> <p>Miscellaneous expenses..... 634.36</p> <p>Total expenditures, 1912..... 8,111.10</p> <p>Fremont National Forest, 1912, \$9,337.01.</p> <p>(Original subappropriation of \$12,592 decreased by transfer of \$3,254.99 to other subappropriations.)</p> <p>EXPENDED.</p> <p>Salaries..... \$6,402.79</p> <p>As follows:</p> <p>1 forest assistant, at \$1,200.</p> <p>3 assistant forest rangers, at \$1,100 each.</p> <p>7 forest guards, at \$900 each.</p> <p>1 grazing assistant, at \$1,300.</p> <p>1 clerk, at \$1,200.</p> <p>2 hunters, at \$900 each.</p> <p>Traveling expenses..... 962.94</p> <p>Supplies and equipment..... 1,346.33</p> <p>Miscellaneous expenses..... 624.95</p> <p>Total expenditures, 1912..... 9,337.01</p> <p>Gallatin National Forest, 1912, \$5,607.17.</p> <p>(Original subappropriation of \$12,505 decreased by transfer of \$6,897.83 to other subappropriations.)</p> <p>EXPENDED.</p> <p>Salaries..... \$2,787.48</p> <p>As follows:</p> <p>4 assistant forest rangers, at \$1,100 each.</p> <p>7 forest guards, at \$900 each.</p> <p>1 clerk, at \$1,200.</p> <p>Traveling expenses..... 716.05</p> <p>Supplies and equipment..... 1,700.87</p> <p>Miscellaneous expenses..... 396.99</p> <p>Total expenditures, 1912..... 5,601.39</p> <p>Gila National Forest, 1912, \$18,590.</p> <p>(Original subappropriation of \$17,606 increased by transfer of \$984 from other subappropriations.)</p> <p>EXPENDED.</p> <p>Salaries..... \$5,966.50</p> <p>As follows:</p> <p>3 forest assistants, at \$1,200 each.</p> <p>1 assistant forest ranger, at \$1,100.</p> <p>5 forest guards, at \$900 each.</p> <p>1 field assistant, at \$50 per month.</p> <p>1 field assistant, at \$60 per month.</p> <p>1 unskilled laborer, at \$120.</p> <p>1 clerk, at \$1,200.</p> <p>2 trappers, at \$900 each.</p> <p>1 forest agent, at \$1,000.</p> <p>1 clerk, at \$960.</p> <p>1 planting assistant, at \$1,200.</p> <p>Traveling expenses..... 1,935.61</p> <p>Supplies and equipment..... 9,842.29</p> <p>Miscellaneous expenses..... 789.41</p> <p>Total expenditures, 1912..... 18,533.81</p> </div> </div>		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>			
Gunnison National Forest, 1914, \$10,952.		Gunnison National Forest, 1912, \$9,523.48. (Original subappropriation of \$8,813 increased by transfer of \$710.48 from other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$5,400.00	Salaries.....	\$4,797.51
As follows:		As follows:	
1 forest assistant, at \$1,600.		1 forest assistant, at \$1,500.	
1 forest agent, at \$900 (6 months).		1 forest assistant, at \$1,200.	
2 assistant forest rangers, at \$1,100 each (6 months).		3 assistant forest rangers, at \$1,100 each.	
5 forest guards, at \$900 each (6 months).		3 forest guards, at \$900 each.	
Traveling expenses.....	1,200.00	4 field assistants, at \$600 each.	
Supplies and equipment.....	420.00	1 stenographer, at \$1,000.	
Miscellaneous expenses.....	1,125.00	Traveling expenses.....	570.62
Assessment for general administration...	2,807.00	Supplies and equipment.....	3,131.89
		Miscellaneous expenses.....	367.62
Total estimate, 1914.....	10,952.00	Total expenditures, 1912.....	8,867.64
Total appropriation, 1913.....	10,952.00		
Harney National Forest, 1914, \$8,808.		Harney National Forest, 1912, \$6,790.06. (Original subappropriation of \$8,217 decreased by transfer of \$1,426.94 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$2,300.00	Salaries.....	\$2,377.50
As follows:		As follows:	
1 forest assistant, at \$1,400.		1 forest assistant, at \$1,200.	
2 forest guards, at \$900 each (6 months).		1 forest assistant, at \$1,000.	
Traveling expenses.....	1,000.00	7 forest guards, at \$900 each.	
Supplies and equipment.....	708.00	1 clerk, at \$900.	
Miscellaneous expenses.....	2,600.00	Traveling expenses.....	568.81
Assessment for general administration...	2,200.00	Supplies and equipment.....	2,959.17
		Miscellaneous expenses.....	398.84
Total estimate, 1914.....	8,808.00	Total expenditures, 1912.....	6,304.32
Total appropriation, 1913.....	7,525.00		
Increase.....	1,283.00		
Hayden National Forest, 1914, \$7,525.		Hayden National Forest, 1912, \$5,217.21. (Original subappropriation of \$7,626 decreased by transfer of \$2,408.79 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$3,600.00	Salaries.....	\$2,500.01
As follows:		As follows:	
1 forest assistant, at \$1,500.		1 forest assistant, at \$1,200.	
3 assistant forest rangers, at \$1,100 each (6 months).		4 assistant forest rangers, at \$1,100 each.	
1 forest guard, at \$900 (6 months).		1 forest guard, at \$1,100.	
Traveling expenses.....	600.00	1 forest guard, at \$900.	
Supplies and equipment.....	560.00	Traveling expenses.....	385.80
Miscellaneous expenses.....	885.00	Supplies and equipment.....	1,645.44
Assessment for general administration...	1,880.00	Miscellaneous expenses.....	546.57
		Total expenditures, 1912.....	5,077.82
Total estimate, 1914.....	7,525.00		
Total appropriation, 1913.....	6,542.00		
Increase.....	983.00		
Heena National Forest, 1914, \$11,420.		Helena National Forest, 1912, \$6,803.83. (Original subappropriation of \$10,955 decreased by transfer of \$4,151.17 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$6,200.00	Salaries.....	\$4,253.04
As follows:		As follows:	
1 forest assistant, at \$1,500.		1 forest assistant, at \$1,500.	
1 forest assistant, at \$1,200.		1 forest assistant, at \$1,200.	
1 clerk, at \$1,100.		1 forest assistant, at \$1,100.	
8 forest guards, at \$900 each (4 months).		1 assistant forest ranger, at \$1,100.	
Traveling expenses.....	790.00	8 forest guards, at \$900 each.	
Supplies and equipment.....	860.00	1 clerk, at \$1,100.	
Miscellaneous expenses.....	720.00	Traveling expenses.....	705.17
Assessment for general administration...	2,850.00	Supplies and equipment.....	1,027.84
		Miscellaneous expenses.....	785.69
Total estimate, 1914.....	11,420.00	Total expenditures, 1912.....	6,771.74
Total appropriation, 1913.....	7,467.00		
Increase.....	3,953.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>			
Holy Cross National Forest, 1914, \$9,060.		Holy Cross National Forest, 1912, \$5,960.43. (Original subappropriation of \$8,469 decreased by transfer of \$2,508.57 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$2,850.00	Salaries.....	\$2,149.45
As follows:		As follows:	
1 forest assistant, at \$1,400.		2 forest assistants, at \$1,200 each.	
1 assistant forest ranger, at \$1,100 (6 months).		1 assistant forest ranger, at \$1,100.	
3 forest guards, at \$900 each (4 months).		3 forest guards, at \$900 each.	
Traveling expenses.....	1,500.00	Traveling expenses.....	1,454.32
Supplies and equipment.....	760.00	Supplies and equipment.....	1,347.64
Miscellaneous expenses.....	1,690.00	Miscellaneous expenses.....	515.97
Assessment for general administration...	2,260.00		
Total estimate, 1914.....	9,060.00	Total expenditures, 1912.....	5,467.33
Total appropriation, 1913.....	7,017.00		
Increase.....	2,043.00		
Humboldt National Forest, 1914, \$4,330.		Humboldt National Forest, 1912, \$8,781.45. (Original subappropriation of \$15,180 decreased by transfer of \$6,398.55 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$1,050.00	Salaries.....	\$3,797.78
As follows:		As follows:	
3 forest guards, at \$900 each (temporary).		1 forest assistant, at \$1,200.	
		2 assistant forest rangers, at \$1,100 each.	
		1 forest guard, at \$1,100.	
		1 forest clerk, at \$1,100.	
Traveling expenses.....	700.00	Traveling expenses.....	1,348.56
Supplies and equipment.....	950.00	Supplies and equipment.....	2,292.18
Miscellaneous expenses.....	550.00	Miscellaneous expenses.....	1,026.86
Assessment for general administration...	1,080.00		
Total estimate, 1914.....	4,330.00	Total expenditures, 1912.....	8,465.38
Total appropriation, 1913.....	5,840.00		
Decrease.....	1,510.00		
Idaho National Forest, 1914, \$8,485.		Idaho National Forest, 1912, \$7,990. (Original subappropriation of \$10,720 decreased by transfers of \$2,730 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$5,000.00	Salaries.....	\$4,343.34
As follows:		As follows:	
1 forest assistant, at \$1,200.		1 forest assistant, at \$1,200.	
16 forest guards, at \$900 each (temporary).		1 assistant forest ranger, at \$1,100.	
		6 forest guards, at \$900 each.	
		3 forest guards, at \$1,100 each.	
		1 supervisor, at \$1,800.	
Traveling expenses.....	275.00	Traveling expenses.....	706.72
Supplies and equipment.....	550.00	Supplies and equipment.....	2,584.11
Miscellaneous expenses.....	540.00	Miscellaneous expenses.....	341.65
Assessment for general administration...	2,120.00		
Total estimate, 1914.....	8,485.00	Total expenditures, 1912.....	7,975.82
Total appropriation, 1913.....	11,983.00		
Decrease.....	3,498.00		
Inyo National Forest, 1914, \$8,839.		Inyo National Forest, 1912, \$7,336.17. (Original subappropriation of \$9,503 decreased by transfer of \$2,166.83 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$4,100.00	Salaries.....	\$5,282.87
As follows:		As follows:	
1 forest assistant, at \$1,200.		2 forest assistants, at \$1,200 each.	
2 assistant forest rangers, at \$1,100 each (6 months).		3 assistant forest rangers, at \$1,100 each.	
3 forest guards, at \$900 each (4 months).		2 forest guards, at \$900 each.	
1 forest guard, hunter, at \$900.		1 forest guard, \$1,000.	
		1 forest clerk, at \$1,000.	
		1 forest clerk, at \$1,100.	
Traveling expenses.....	900.00	Traveling expenses.....	612.92
Supplies and equipment.....	644.00	Supplies and equipment.....	534.48
Miscellaneous expenses.....	983.00	Miscellaneous expenses.....	686.32
Assessment for general administration...	2,212.00		
Total estimate, 1914.....	8,839.00	Total expenditures, 1912.....	7,116.59
Total appropriation, 1913.....	8,839.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
General Expenses, Forest Service—Continued.			
Jefferson National Forest, 1914, \$11,394.		Jefferson National Forest, 1912, \$7,025.48. (Original subappropriation of \$11,930 decreased by transfer of \$4,904.52 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$5,200.00	Salaries.....	\$4,018.62
As follows:		As follows:	
1 forest assistant, at \$1,200.		1 forest assistant, at \$1,200.	
2 assistant forest rangers, at \$1,100 each.		4 assistant forest rangers, at \$1,100 each.	
6 forest guards, at \$900 each (4 months).		4 forest guards, \$900 each.	
Traveling expenses.....	1,200.00	Traveling expenses.....	679.95
Supplies and equipment.....	1,780.00	Supplies and equipment.....	1,504.02
Miscellaneous expenses.....	505.00	Miscellaneous expenses.....	323.83
Assessment for general administration...	2,709.00		
		Total expenditures, 1912.....	6,526.42
Total estimate, 1914.....	11,394.00		
Total appropriation, 1913.....	11,394.00		
Jemez National Forest, 1914, \$13,480.		Jemez National Forest, 1912, \$13,142.28. (Original subappropriation of \$15,409 decreased by transfer of \$2,266.72 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$5,500.00	Salaries.....	\$6,298.43
As follows:		As follows:	
1 forest assistant, at \$1,200.		2 forest assistants, at \$1,200 each.	
1 forest agent, at \$1,000.		1 forest assistant, at \$1,100.	
11 forest guards, at \$900 each (4 months).		2 forest assistants, at \$1,000 each.	
		9 forest guards, at \$900 each.	
Traveling expenses.....	800.00	1 forest guard, at \$720.	
Supplies and equipment.....	3,250.00	5 field assistants, at \$600 each.	
Miscellaneous expenses.....	560.00	1 lumberman, at \$1,800.	
Assessment for general administration...	3,370.00	1 clerk, at \$1,200.	
		1 clerk, at \$1,020.	
Total estimate, 1914.....	13,480.00	1 clerk, at \$1,000.	
Total appropriation, 1913.....	17,139.00	Traveling expenses.....	1,665.56
Decrease.....	3,659.00	Supplies and equipment.....	4,409.55
		Miscellaneous expenses.....	768.74
Kaibab National Forest, 1914, \$4,840.		Total expenditures, 1912.....	13,142.28
ESTIMATED.		Kaibab National Forest, 1912, \$5,234.44. (Original subappropriation of \$6,982 decreased by transfer of \$1,747.56 to other subappropriations.)	
Salaries.....	\$2,300.00	EXPENDED.	
As follows:		Salaries.....	\$1,316.94
1 forest assistant, at \$1,200.		As follows:	
1 assistant forest ranger, at \$1,100.		2 forest guards, at \$900 each.	
Traveling expenses.....	400.00	1 forest clerk, at \$1,100.	
Supplies and equipment.....	600.00	Traveling expenses.....	463.51
Miscellaneous expenses.....	330.00	Supplies and equipment.....	2,731.47
Assessment for general administration...	1,210.00	Miscellaneous expenses.....	709.57
		Total expenditures, 1912.....	5,221.49
Total estimate, 1914.....	4,840.00		
Total appropriation, 1913.....	6,652.00		
Decrease.....	1,812.00		
Kaniksu National Forest, 1914, \$36,916.		Kaniksu National Forest, 1912, \$19,068.67. (Original subappropriation of \$20,568 decreased by transfer of \$1,499.33 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$13,200.00	Salaries.....	\$4,747.76
As follows:		As follows:	
2 forest assistants, at \$1,200 each.		3 forest assistants, at \$1,200 each.	
1 clerk, at \$1,100.		1 forest agent, at \$1,200.	
4 assistant forest rangers, at \$1,100 each (6 months).		4 assistant forest rangers, at \$1,100 each.	
25 forest guards, at \$900 each (4 months).		27 forest guards, at \$900 each.	
Traveling expenses.....	1,800.00	1 forest guard, at \$12.	
Supplies and equipment.....	12,120.00	3 clerks, at \$900 each.	
Miscellaneous expenses.....	1,626.00	1 clerk, at \$1,100.	
Assessment for general administration...	8,170.00	Traveling expenses.....	1,888.68
		Supplies and equipment.....	11,214.07
Total estimate, 1914.....	36,916.00	Miscellaneous expenses.....	521.73
Total appropriation, 1913.....	25,027.00	Total expenditures, 1912.....	18,372.24
Increase.....	11,889.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
General Expenses, Forest Service—Continued.			
Kansas National Forest, 1914, \$3,117.		Kansas National Forest, 1912, \$1,739.64. (Original subappropriation of \$2,263 decreased by transfer of \$523.36 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$1,350.00	Salaries.....	\$830.00
As follows:		As follows:	
1 forest agent, at \$900 (3 months).		1 forest guard, at \$900.	
1 forest guard, at \$900 (9 months).		2 forest guards, at \$720 each.	
1 forest guard, at \$900 (6 months).		1 clerk, at \$900.	
Traveling expenses.....	300.00	Traveling expenses.....	233.96
Supplies and equipment.....	340.00	Supplies and equipment.....	407.55
Miscellaneous expenses.....	630.00	Miscellaneous expenses.....	256.30
Assessment for general administration.....	497.00		
		Total expenditures, 1912.....	1,727.81
Total estimate, 1914.....	3,117.00		
Total appropriation, 1913.....	3,117.00		
Kern National Forest, 1914, \$18,172.		Kern National Forest, 1912, \$10,098.89. (Original subappropriation of \$16,059 decreased by transfer of \$5,960.11 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$9,000.00	Salaries.....	\$5,654.18
As follows:		As follows:	
1 forest assistant, at \$1,200.		1 forest assistant, at \$1,200.	
6 assistant forest rangers, at \$1,100 each (6 months).		4 assistant forest rangers, at \$1,100 each.	
15 forest guards, at \$900 each (4 months).		14 forest guards, at \$900 each.	
Traveling expenses.....	1,000.00	2 field assistants, at \$600 each.	
Supplies and equipment.....	678.00	Traveling expenses.....	852.37
Miscellaneous expenses.....	3,081.00	Supplies and equipment.....	2,763.53
Assessment for general administration.....	4,413.00	Miscellaneous expenses.....	796.51
		Total expenditures, 1912.....	10,066.59
Total estimate, 1914.....	18,172.00		
Total appropriation, 1913.....	13,179.00		
Increase.....	4,993.00		
Klamath National Forest, 1914, \$29,643.		Klamath National Forest, 1912, \$22,157.98. (Original subappropriation of \$19,192 increased by transfer of \$2,965.98 from other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$16,400.00	Salaries.....	\$13,243.78
As follows:		As follows:	
1 forest assistant, at \$1,600.		1 forest assistant, at \$1,400.	
1 forest assistant, at \$1,200.		1 forest assistant, at \$1,200.	
10 assistant forest rangers, at \$1,100 each (6 months).		1 forest ranger, at \$1,400.	
27 forest guards, at \$900 each (4 months).		7 assistant forest rangers, at \$1,100 each.	
		15 forest guards, at \$900 each.	
Traveling expenses.....	1,800.00	14 field assistants at \$600 each.	
Supplies and equipment.....	500.00	1 expert, at \$1,500.	
Miscellaneous expenses.....	3,533.00	1 clerk, at \$900.	
Assessment for general administration.....	7,410.00	2 forest guards, at \$1,100 each.	
		1 forest guard, at \$1,080.	
Total estimate, 1914.....	29,643.00	2 forest guards, at \$1,000 each.	
Total appropriation, 1913.....	27,857.00	1 forest guard, at \$840.	
Increase.....	1,786.00	1 forest guard, at \$780.	
		1 forest guard, at \$600.	
		Traveling expenses.....	2,260.30
		Supplies and equipment.....	4,310.87
		Miscellaneous expenses.....	1,610.78
		Total expenditures, 1912.....	21,425.73
Kootenai National Forest, 1914, \$27,846.		Kootenai National Forest, 1912, \$25,192.14. (Original subappropriation of \$25,977 decreased by transfer of \$784.86 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$14,400.00	Salaries.....	\$8,670.34
As follows:		As follows:	
1 forest assistant, at \$1,300.		1 forest assistant, at \$1,300.	
1 forest assistant, at \$1,200.		1 forest assistant, at \$1,200.	
2 assistant forest rangers, at \$1,100 each (6 months).		12 assistant forest rangers, at \$1,100 each.	
36 forest guards, at \$900 each (4 months).		1 assistant forest ranger, at \$1,000.	
		19 forest guards, at \$900 each.	
Traveling expenses.....	766.00	4 forest guards, at \$720 each.	
Supplies and equipment.....	4,475.00	1 surveyor, at \$1,200.	
Miscellaneous expenses.....	1,245.00	1 clerk, at \$900.	
Assessment for general administration.....	6,960.00	1 assistant forest ranger, at \$900.	
		Traveling expenses.....	808.24
Total estimate, 1914.....	27,846.00	Supplies and equipment.....	14,300.06
Total appropriation, 1913.....	30,846.00	Miscellaneous expenses.....	723.41
Decrease.....	3,000.00	Total expenditures, 1912.....	24,502.05

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>			
La Sal National Forest, 1914, \$5,775.		La Sal National Forest, 1912, \$5,190.90. (Original subappropriation of \$4,719 increased by transfer of \$471.90 from other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$2,200.00	Salaries.....	\$2,336.16
As follows:		As follows:	
4 forest guards, at \$900 each (temporary).		1 forest assistant, at \$1,300.	
Traveling expenses.....	350.00	3 forest guards, at \$900 each.	
Supplies and equipment.....	1,085.00	4 field assistants, at \$600 each.	
Miscellaneous expenses.....	700.00	1 packer, at \$2 per diem.	
Assessment for general administration...	1,440.00	Traveling expenses.....	475.00
		Supplies and equipment.....	1,999.68
Total estimate, 1914.....	5,775.00	Miscellaneous expenses.....	378.66
Total appropriation, 1913.....	6,569.00	Total expenditures, 1912.....	5,189.50
Decrease.....	794.00		
Lassen National Forest, 1914, \$16,774.		Lassen National Forest, 1912, \$12,955.72. (Original subappropriation of \$12,865 increased by transfer of \$90.72 from other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$8,150.00	Salaries.....	\$8,971.05
As follows:		As follows:	
1 forest assistant, at \$1,200.		1 forest assistant, at \$1,200.	
5 assistant forest rangers, at \$1,100 each (6 months).		1 forest ranger, at \$1,400.	
14 forest guards, at \$900 each (4 months).		5 assistant forest rangers, at \$1,100 each.	
Traveling expenses.....	900.00	13 forest guards, at \$900 each.	
Supplies and equipment.....	761.00	4 field assistants, at \$600 each.	
Miscellaneous expenses.....	2,773.00	1 forest clerk, at \$1,100.	
Assessment for general administration...	4,190.00	2 forest clerks, at \$900 each.	
		1 expert, at \$1,500.	
Total estimate, 1914.....	16,774.00	Traveling expenses.....	1,059.94
Total appropriation, 1913.....	18,659.00	Supplies and equipment.....	2,161.22
Decrease.....	1,885.00	Miscellaneous expenses.....	694.33
Leadville National Forest, 1914, \$9,037.		Total expenditures, 1912.....	12,886.54
ESTIMATED.		Leadville National Forest, 1912, \$6,473.35. (Original subappropriation of \$14,608 decreased by transfer of \$8,134.65 to other subappropriations.)	
Salaries.....	\$4,400.00	EXPENDED.	
As follows:		Salaries.....	\$2,682.78
1 forest assistant, at \$1,500.		As follows:	
2 assistant forest rangers, at \$1,100 each (6 months).		1 forest assistant, at \$1,400.	
4 forest guards, at \$900 each (6 months).		2 assistant forest rangers, at \$1,100 each.	
Traveling expenses.....	1,300.00	2 forest guards, at \$900 each.	
Supplies and equipment.....	354.00	1 clerk, at \$1,100.	
Miscellaneous expenses.....	1,090.00	1 clerk, at \$900.	
Assessment for general administration...	1,893.00	Traveling expenses.....	1,262.36
		Supplies and equipment.....	1,936.88
Total estimate, 1914.....	9,037.00	Miscellaneous expenses.....	296.92
Total appropriation, 1913.....	9,037.00	Total expenditures, 1912.....	6,178.94
Lemhi National Forest, 1914, \$5,895.		Lemhi National Forest, 1912, \$6,818.50. (Original subappropriation of \$6,609 increased by transfer of \$209.50 from other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$2,175.00	Salaries.....	\$2,725.28
As follows:		As follows:	
6 forest guards, at \$900 each (temporary).		1 forest assistant, at \$1,400.	
Traveling expenses.....	600.00	3 assistant forest rangers, at \$1,100 each.	
Supplies and equipment.....	1,150.00	6 forest guards, at \$900 each.	
Miscellaneous expenses.....	500.00	Traveling expenses.....	373.64
Assessment for general administration...	1,470.00	Supplies and equipment.....	3,228.88
		Miscellaneous expenses.....	470.94
Total estimate, 1914.....	5,895.00	Total expenditures, 1912.....	6,798.74
Total appropriation, 1913.....	7,218.00		
Decrease.....	1,323.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>			
Lewis and Clark National Forest, 1914, \$10,614.		Lewis and Clark National Forest, 1912, \$8,469.21. (Original subappropriation of \$12,917 decreased by transfer of \$4,447.79 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$6,450.00	Salaries.....	\$5,347.78
As follows:		As follows:	
1 forest assistant, at \$1,200.		1 forest assistant, at \$1,200.	
1 clerk, at \$1,100.		5 assistant forest rangers, at \$1,100 each.	
1 assistant forest ranger, at \$1,100 (6 months).		12 forest guards, at \$900 each.	
12 forest guards, at \$900 each (4 months).		1 clerk, at \$900.	
1 clerk, at \$1,100.		1 clerk, at \$1,100.	
Traveling expenses.....	600.00	Traveling expenses.....	578.88
Supplies and equipment.....	420.00	Supplies and equipment.....	2,223.41
Miscellaneous expenses.....	494.00	Miscellaneous expenses.....	319.14
Assessment for general administration.....	2,650.00		
Total estimate, 1914.....	10,614.00	Total expenditures, 1912.....	8,469.21
Total appropriation, 1913.....	12,286.00		
Decrease.....	1,672.00		
Lincoln National Forest, 1914, \$5,617.		Lincoln National Forest, 1912, \$3,244.33. (Original subappropriation of \$6,982 decreased by transfer of \$3,737.67 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$2,675.00	Salaries.....	\$995.00
As follows:		As follows:	
1 agent, at \$1,100.		1 assistant forest ranger, at \$1,100.	
7 forest guards, at \$900 each (3 months).		3 forest guards, at \$900 each.	
Traveling expenses.....	500.00	Traveling expenses.....	538.34
Supplies and equipment.....	784.00	Supplies and equipment.....	1,450.44
Miscellaneous expenses.....	196.00	Miscellaneous expenses.....	225.00
Assessment for general administration.....	1,462.00		
Total estimate, 1914.....	5,617.00	Total expenditures, 1912.....	3,208.78
Total appropriation, 1913.....	5,617.00		
Lolo National Forest, 1914, \$20,104.		Lolo National Forest, 1912, \$16,774.13. (Original subappropriation of \$18,839 decreased by transfer of \$2,064.87 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$5,000.00	Salaries.....	\$9,149.12
As follows:		As follows:	
2 forest assistants, at \$1,200 each.		1 forest assistant, at \$1,500.	
1 assistant forest ranger, at \$1,100.		1 forest assistant, at \$1,200.	
5 forest guards, at \$900 each (4 months).		40 forest rangers, at \$900 each.	
Traveling expenses.....	750.00	3 assistant forest rangers, at \$1,100 each.	
Supplies and equipment.....	8,320.00	4 forest guards, at \$12 each.	
Miscellaneous expenses.....	862.00	Traveling expenses.....	1,217.26
Assessment for general administration.....	5,172.00	Supplies and equipment.....	5,612.76
Total estimate, 1914.....	20,104.00	Miscellaneous expenses.....	759.71
Total appropriation, 1913.....	20,104.00	Total expenditures, 1912.....	16,738.85
Luquillo National Forest, 1914, \$3,961.		Luquillo National Forest, 1912, \$2,313. (Original subappropriation of \$2,408 decreased by transfer of \$95 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Unallotted.....	\$3,000.00	Traveling expenses (total expenditures, 1912).....	\$283.80
Assessment for general administration.....	961.00		
Total estimate, 1914.....	3,961.00		
Total appropriation, 1913.....	3,961.00		
Madison National Forest, 1914, \$9,606.		Madison National Forest, 1912, \$8,285.72. (Original subappropriation of \$14,121 decreased by transfer of \$5,835.28 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$5,075.00	Salaries.....	\$5,184.41
As follows:		As follows:	
1 deputy forest supervisor, at \$1,500.		1 forest assistant, at \$1,200.	
1 clerk, at \$900 (1 month).		1 forest assistant, at \$1,400.	
1 assistant forest ranger, at \$1,100.		1 forest assistant, at \$1,500.	
8 forest guards, at \$900 each (4 months).		1 forest assistant, at \$1,000.	
Traveling expenses.....	650.00	4 assistant forest rangers, at \$1,100 each.	
Supplies and equipment.....	806.00	7 forest guards, at \$900 each.	
Miscellaneous expenses.....	675.00	1 forest guard, at \$1,100.	
Assessment for general administration.....	2,400.00	Traveling expenses.....	1,017.86
Total estimate, 1914.....	9,606.00	Supplies and equipment.....	1,707.24
Total appropriation, 1913.....	10,299.00	Miscellaneous expenses.....	347.12
Decrease.....	693.00	Total expenditures, 1912.....	8,250.63

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>			
Malheur National Forest, 1914, \$13,260.			
ESTIMATED.			
Salaries.....	\$8,050.00		
As follows:			
1 forest assistant, at \$1,200.			
4 assistant forest rangers, at \$1,100 each (6 months).			
15 forest guards, at \$900 each (4 months).			
1 forest guard, at \$900 (2 months).			
Traveling expenses.....	900.00		
Supplies and equipment.....	450.00		
Miscellaneous expenses.....	1,300.00		
Assessment for general administration...	2,560.00		
Total estimate, 1914.....	13,260.00		
Total appropriation, 1913.....	10,398.00		
Increase.....	2,862.00		
Manti National Forest, 1914, \$11,578.			
ESTIMATED.			
Salaries.....	\$2,100.00		
As follows:			
1 forest assistant, at \$1,200.			
3 forest guards, at \$900 each (4 months).			
Traveling expenses.....	600.00		
Supplies and equipment.....	5,208.00		
Miscellaneous expenses.....	780.00		
Assessment for general administration...	2,890.00		
Total estimate, 1914.....	11,578.00		
Total appropriation, 1913.....	7,808.00		
Increase.....	3,770.00		
Manzauo National Forest, 1914, \$1,600.			
ESTIMATED.			
Salaries.....	\$600.00		
As follows:			
2 forest guards, at \$900 each (4 months).			
Traveling expenses.....	150.00		
Supplies and equipment.....	400.00		
Miscellaneous expenses.....	50.00		
Assessment for general administration...	400.00		
Total estimate, 1914.....	1,600.00		
Total appropriation, 1913.....	4,653.00		
Decrease.....	3,053.00		
Marquette National Forest, 1914, \$1,170.			
ESTIMATED.			
Salaries.....	\$375.00		
As follows:			
1 forest guard, at \$900 (temporary).			
Traveling expenses.....	250.00		
Supplies and equipment.....	130.00		
Miscellaneous expenses.....	125.00		
Assessment for general administration...	290.00		
Total estimate, 1914.....	1,170.00		
Total appropriation, 1913.....	2,863.00		
Decrease.....	1,693.00		
Malheur National Forest, 1912, \$7,605.54.			
(Original subappropriation of \$12,790 decreased by transfer of \$5,184.46 to other subappropriations.)			
EXPENDED.			
Salaries.....	\$5,268.89		
As follows:			
4 assistant forest rangers, at \$1,100 each.			
15 forest guards, at \$900 each.			
Traveling expenses.....	401.51		
Supplies and equipment.....	1,519.94		
Miscellaneous expenses.....	376.95		
Total expenditures, 1912.....	7,567.29		
Manti National Forest, 1912, \$7,404.73.			
(Original subappropriation of \$6,807 increased by transfer of \$597.73 from other subappropriations.)			
EXPENDED.			
Salaries.....	\$2,756.66		
As follows:			
1 forest assistant, at \$1,400.			
3 forest assistants, at \$1,200 each.			
2 assistant forest rangers, at \$1,100 each.			
4 forest guards, at \$900 each.			
1 forest guard, at \$1,100.			
2 forest clerks, at \$720 each.			
1 forest clerk, at \$1,100.			
Traveling expenses.....	1,474.35		
Supplies and equipment.....	2,537.90		
Miscellaneous expenses.....	573.39		
Total expenditures, 1912.....	7,342.30		
Manzano National Forest, 1912, \$2,530.			
(Original subappropriation of \$3,963 decreased by transfer of \$1,433 to other subappropriations.)			
EXPENDED.			
Salaries.....	\$689.73		
As follows:			
2 assistant forest rangers, at \$1,100 each.			
3 forest guards, at \$900 each.			
1 clerk, at \$3 per diem.			
Traveling expenses.....	502.91		
Supplies and equipment.....	1,144.85		
Miscellaneous expenses.....	142.83		
Total expenditures, 1912.....	2,480.32		
Marquette National Forest, 1912, \$1,073.15.			
(Original subappropriation of \$2,167 decreased by transfer of \$1,093.85 to other subappropriations.)			
EXPENDED.			
Salaries.....	\$389.45		
As follows:			
1 forest guard, at \$1,100.			
1 forest guard, at \$900.			
Traveling expenses.....	440.14		
Supplies and equipment.....	690.70		
Miscellaneous expenses.....	34.16		
Total expenditures, 1912.....	1,554.45		
Excess due to Federal cooperative work, appropriation to be reimbursed.....	481.30		
Total.....	1,073.15		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>			
Medicine Bow National Forest, 1914, \$17,429.			
ESTIMATED.			
Salaries.....	\$3,600.00		
As follows:			
1 forest assistant, at \$1,400.			
2 assistant forest rangers, at \$1,100 each (6 months).			
2 forest guards, at \$900 each (4 months).			
1 forest guard, at \$900 (6½ months).			
Traveling expenses.....	1,500.00		
Supplies and equipment.....	250.00		
Miscellaneous expenses.....	8,125.00		
Assessment for general administration...	3,954.00		
Total estimate, 1914.....	17,429.00		
Total appropriation, 1913.....	17,429.00		
Michigan National Forest, 1914, \$2,417.			
ESTIMATED.			
Salaries.....	\$900.00		
As follows:			
3 forest guards, at \$900 each (4 months).			
Traveling expenses.....	195.00		
Supplies and equipment.....	360.00		
Miscellaneous expenses.....	292.00		
Assessment for general administration...	670.00		
Total estimate, 1914.....	2,417.00		
Total appropriation, 1913.....	2,417.00		
Minam National Forest, 1914, \$4,930.			
ESTIMATED.			
Salaries.....	\$2,250.00		
As follows:			
3 assistant forest rangers, at \$1,100 each (6 months).			
2 forest guards, at \$900 each (4 months).			
Traveling expenses.....	600.00		
Supplies and equipment.....	200.00		
Miscellaneous expenses.....	650.00		
Assessment for general administration...	1,230.00		
Total estimate, 1914.....	4,930.00		
Total appropriation, 1913.....	4,194.00		
Increase.....	736.00		
Minnesota National Forest, 1914, \$6,560.			
ESTIMATED.			
Salaries.....	\$2,550.00		
As follows:			
1 forest assistant, at \$1,400.			
2 assistant forest rangers, at \$1,100 each (3 months).			
2 forest guards, at \$900 each (4 months).			
Traveling expenses.....	475.00		
Supplies and equipment.....	985.00		
Miscellaneous expenses.....	910.00		
Assessment for general administration...	1,640.00		
Total estimate, 1914.....	6,560.00		
Total appropriation, 1913.....	9,797.00		
Decrease.....	3,237.00		
Medicine Bow National Forest, 1912, \$18,130.60.			
(Original subappropriation of \$14,307 increased by transfer of \$3,823.60 from other subappropriations.)			
EXPENDED.			
Salaries.....	\$4,932.35		
As follows:			
3 forest assistants, at \$1,200 each.			
1 forest guard, at \$1,000.			
6 forest guards, at \$900 each.			
1 field assistant, at \$900.			
4 field assistants, at \$720 each.			
1 field assistant, at \$660.			
10 field assistants, at \$600 each.			
1 clerk, at \$900.			
1 clerk, at \$840.			
Traveling expenses.....	1,878.96		
Supplies and equipment.....	8,906.03		
Miscellaneous expenses.....	629.91		
Total expenditures, 1912.....	16,347.25		
Michigan National Forest, 1912, \$3,050.			
(Original subappropriation of \$2,829 increased by transfer of \$221 from other subappropriations.)			
EXPENDED.			
Salaries.....	\$2,330.02		
As follows:			
1 forest examiner, at \$1,600.			
2 forest guards, at \$1,100 each.			
2 forest guards, at \$900 each.			
Traveling expenses.....	177.24		
Supplies and equipment.....	470.83		
Miscellaneous expenses.....	69.18		
Total expenditures, 1912.....	3,047.27		
Minam National Forest, 1912, \$4,150.			
(Original subappropriation of \$6,356 decreased by transfer of \$2,206 to other subappropriations.)			
EXPENDED.			
Salaries.....	\$2,274.01		
As follows:			
2 assistant forest rangers, at \$1,100 each.			
8 forest guards, at \$900 each.			
1 forest guard, at \$1,100.			
1 clerk, at \$720.			
Traveling expenses.....	582.65		
Supplies and equipment.....	1,161.77		
Miscellaneous expenses.....	51.26		
Total expenditures, 1912.....	4,069.69		
Minnesota National Forest, 1912, \$7,911.			
(Original subappropriation of \$10,720 decreased by transfer of \$2,809 to other subappropriations.)			
EXPENDED.			
Salaries.....	\$4,990.27		
As follows:			
1 forest assistant, at \$1,400.			
1 forest ranger, at \$1,400.			
7 forest guards, at \$900 each.			
Traveling expenses.....	811.15		
Supplies and equipment.....	1,441.47		
Miscellaneous expenses.....	587.25		
Total expenditures, 1912.....	7,830.14		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>			
Minidoka National Forest, 1914, \$3,680.		Minidoka National Forest, 1912, \$4,641. (Original subappropriation of \$4,484 increased by transfer of \$157 from other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$1,650.00	Salaries.....	\$1,725.55
As follows:		As follows:	
1 forest assistant, at \$1,200.		2 forest guards, at \$900 each.	
2 forest guards, at \$900 each (3 months).		4 forest clerks, at \$1,100 each.	
Traveling expenses.....	400.00	Traveling expenses.....	458.04
Supplies and equipment.....	250.00	Supplies and equipment.....	1,993.55
Miscellaneous expenses.....	460.00	Miscellaneous expenses.....	396.71
Assessment for general administration...	920.00		
Total estimate, 1914.....	3 680.00	Total expenditures, 1912.....	4,573.85
Total appropriation, 1913.....	5 259.00		
Decrease.....	1,579.00		
Missoula National Forest, 1914, \$9,941.		Missoula National Forest, 1912, \$10,785.18. (Original subappropriation of \$20,561 decreased by transfer of \$9,775.82 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$4,300.00	Salaries.....	\$7,412.70
As follows:		As follows:	
1 forest assistant, at \$1,400.		1 forest assistant, at \$1,200.	
1 assistant forest ranger, at \$1,100.		1 deputy forest ranger, at \$1,100.	
6 forest guards, at \$900 each (4 months).		6 assistant forest rangers, at \$1,000 each.	
Traveling expenses.....	800.00	13 forest guards, at \$900 each.	
Supplies and equipment.....	1,552.00	2 forest guards, at \$12.	
Miscellaneous expenses.....	809.00	Traveling expenses.....	661.17
Assessment for general administration...	2,480.00	Supplies and equipment.....	1,933.55
Total estimate, 1914.....	9,941.00	Miscellaneous expenses.....	776.26
Total appropriation, 1913.....	15,776.00	Total expenditures, 1912.....	10,783.68
Decrease.....	5,835.00		
Moapa National Forest, 1914, \$860.		Moapa National Forest, 1912, \$533.68. (Original subappropriation of \$1,101 decreased by transfer of \$567.32 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Traveling expenses.....	\$500.00	Traveling expenses.....	\$270.40
Supplies and equipment.....	100.00	Supplies and equipment.....	128.75
Miscellaneous expenses.....	50.00	Miscellaneous expenses.....	50.24
Assessment for general administration...	210.00	Total expenditures, 1912.....	449.39
Total estimate, 1914.....	860.00		
Total appropriation, 1913.....	1,794.00		
Decrease.....	934.00		
Modoc National Forest, 1914, \$10,950.		Modoc National Forest, 1912, \$8,152.25. (Original subappropriation of \$12,219 decreased by transfer of \$4,066.75 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$3,900.00	Salaries.....	\$5,470.00
As follows:		As follows:	
1 forest assistant, at \$1,600.		1 forest assistant, at \$1,400.	
2 assistant forest rangers, at \$1,100 each (6 months).		7 assistant forest rangers, at \$1,100 each.	
4 forest guards, at \$900 each (4 months).		2 field assistants, at \$600 each.	
Traveling expenses.....	1,400.00	2 clerks, at \$900 each.	
Supplies and equipment.....	843.00	Traveling expenses.....	924.01
Miscellaneous expenses.....	2,078.00	Supplies and equipment.....	1,074.68
Assessment for general administration...	2,729.00	Miscellaneous expenses.....	669.42
Total estimate, 1914.....	10,950.00	Total expenditures, 1912.....	8,138.11
Total appropriation, 1913.....	10,950.00		
Mono National Forest, 1914, \$7,047.		Mono National Forest, 1912, \$4,250. (Original subappropriation of \$10,924 decreased by transfer of \$6,674 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$3,300.00	Salaries.....	\$1,764.17
As follows:		As follows:	
1 forest assistant, at \$1,200.		1 forest assistant, at \$1,200.	
7 forest guards, at \$900 each (4 months).		1 assistant forest ranger, at \$1,100.	
Traveling expenses.....	950.00	1 forest guard, at \$900.	
Supplies and equipment.....	400.00	1 forest guard, at \$1,100.	
Miscellaneous expenses.....	887.00	2 field assistants, at \$600 each.	
Assessment for general administration...	1,510.00	1 expert, at \$1,500.	
Total estimate, 1914.....	7,047.00	Traveling expenses.....	659.81
Total appropriation, 1913.....	5,803.00	Supplies and equipment.....	825.56
Increase.....	1,244.00	Miscellaneous expenses.....	550.52
		Total expenditures, 1912.....	3,800.06

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.			Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>				
Monterey National Forest, 1914, \$2,787.			Monterey National Forest, 1912, \$2,787.40.	
			(Original subappropriation of \$2,534 increased by transfer of \$253.40 from other subappropriations.)	
ESTIMATED.		EXPENDED.		
Salaries.....	\$550.00	Salaries.....	\$1,894.99	
As follows:		As follows:		
1 assistant forest ranger, at \$1,100 (6 months).		1 assistant forest ranger, at \$900.		
1 forest guard, at \$900 (4 months).		8 forest guards, at \$900 each.		
Traveling expenses.....	500.00	Traveling expenses.....	224.35	
Supplies and equipment.....	112.00	Supplies and equipment.....	463.89	
Miscellaneous expenses.....	635.00	Miscellaneous expenses.....	196.85	
Assessment for general administration...	690.00			
		Total expenditures, 1912.....	2,780.08	
Total estimate, 1914.....	2,787.00			
Total appropriation, 1913.....	4,464.00			
Decrease.....	1,677.00			
Montezuma National Forest, 1914, \$8,802.			Montezuma National Forest, 1912, \$7,550.40.	
			(Original subappropriation of \$8,956 decreased by transfer of \$1,405.60 to other subappropriations.)	
ESTIMATED.		EXPENDED.		
Salaries.....	\$3,450.00	Salaries.....	\$3,251.93	
As follows:		As follows:		
1 forest assistant, at \$1,400.		2 forest assistants, at \$1,200 each.		
1 assistant forest ranger, at \$1,100 (6 months).		4 assistant forest rangers, at \$1.100 each.		
5 forest guards, at \$900 each (4 months).		2 forest guards, at \$900 each.		
Traveling expenses.....	800.00	4 field assistants, at \$600 each.		
Supplies and equipment.....	802.00	1 forest clerk, at \$1,200.		
Miscellaneous expenses.....	1,550.00	Traveling expenses.....	846.63	
Assessment for general administration...	2,200.00	Supplies and equipment.....	2,411.51	
		Miscellaneous expenses.....	813.39	
Total estimate, 1914.....	8,802.00	Total expenditures, 1912.....	7,323.46	
Total appropriation, 1913.....	10,255.00			
Decrease.....	1,453.00			
Nebo National Forest, 1914, \$1,654.			Nebo National Forest, 1912, \$1,170.49.	
			(Original subappropriation of \$1,558 decreased by transfer of \$387.51 to other subappropriations.)	
ESTIMATED.		EXPENDED.		
Traveling expenses.....	\$225.00	Traveling expenses.....	\$216.40	
Supplies and equipment.....	505.00	Supplies and equipment.....	750.50	
Miscellaneous expenses.....	244.00	Miscellaneous expenses.....	201.77	
Assessment for general administration...	680.00			
		Total expenditures, 1912.....	1,168.67	
Total estimate, 1914.....	1,654.00			
Total appropriation, 1913.....	1,654.00			
Nebraska National Forest, 1914, \$5,000.			Nebraska National Forest, 1912, \$2,719.29.	
			(Original subappropriation of \$2,919 decreased by transfer of \$199.71 to other subappropriations.)	
ESTIMATED.		EXPENDED.		
Salaries.....	\$2,400.00	Salaries.....	\$1,776.66	
As follows:		As follows:		
1 forest assistant, at \$1,400.		1 forest assistant, at \$1,400.		
1 assistant forest ranger, at \$1,100 (6 months).		1 forest assistant, at \$1,200.		
1 forest guard, at \$900 (6 months).		1 forest guard, at \$900.		
Traveling expenses.....	350.00	2 clerks, at \$900 each.		
Supplies and equipment.....	250.00	Traveling expenses.....	163.55	
Miscellaneous expenses.....	750.00	Supplies and equipment.....	571.59	
Assessment for general administration...	1,250.00	Miscellaneous expenses.....	165.93	
		Total expenditures, 1912.....	2,677.73	
Total estimate, 1914.....	5,000.00			
Total appropriation, 1913.....	4,231.00			
Increase.....	769.00			
Nevada National Forest, 1914, \$7,410.			Nevada National Forest, 1912, \$5,264.06.	
			(Original subappropriation of \$7,139 decreased by transfer of \$1,874.94 to other subappropriations.)	
ESTIMATED.		EXPENDED.		
Salaries.....	\$3,050.00	Salaries.....	\$1,464.16	
As follows:		As follows:		
1 forest assistant, at \$1,400.		2 assistant forest rangers, at \$1,200 each.		
3 assistant forest rangers, at \$1,100 each (6 months).		1 forest guard, at \$1,200.		
Traveling expenses.....	650.00	1 clerk, at \$900.		
Supplies and equipment.....	1,300.00	1 forest clerk, at \$1,100.		
Miscellaneous expenses.....	560.00	2 forest clerks, at \$1,000 each.		
Assessment for general administration...	1,850.00	Traveling expenses.....	584.55	
		Supplies and equipment.....	2,093.71	
Total estimate, 1914.....	7,410.00	Miscellaneous expenses.....	564.46	
Total appropriation, 1913.....	8,950.00	Total expenditures, 1912.....	4,706.88	
Decrease.....	1,540.00			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>			
Nez Perce National Forest, 1914, \$14,619.		Nez Perce National Forest, 1912, \$12,198.92. (Original subappropriation of \$23,036 decreased by transfer of \$10,837.08 to other subappropriations.)	
ESTIMATED.	EXPENDED.		
Salaries.....	Salaries.....	\$8,800.00	\$8,487.23
As follows:	As follows:		
1 forest assistant, at \$1,400.	1 forest assistant, at \$1,200.		
1 assistant forest ranger, at \$1,100.	6 assistant forest rangers, at \$1,100 each.		
21 forest guards, at \$900 each (4 months).	2 assistant forest rangers, at \$900 each.		
	31 forest guards, at \$900 each.		
Traveling expenses.....	Traveling expenses.....	550.00	677.02
Supplies and equipment.....	Supplies and equipment.....	925.00	1,788.54
Miscellaneous expenses.....	Miscellaneous expenses.....	694.00	486.88
Assessment for general administration...		3,650.00	
Total estimate, 1914.....	Total expenditures, 1912.....	14,619.00	11,439.67
Total appropriation, 1913.....		20,360.00	
Decrease.....		5,741.00	
Ochoco National Forest, 1914, \$9,300.		Ochoco National Forest, 1912, \$9,170. (Original subappropriation of \$11,641 decreased by transfer of \$2,471 to other subappropriations.)	
ESTIMATED.	EXPENDED.		
Salaries.....	Salaries.....	\$4,750.00	\$4,816.68
As follows:	As follows:		
1 forest assistant, at \$1,200.	7 forest guards, at \$900 each.		
1 assistant forest ranger, at \$1,100 (6 months).	2 assistant forest rangers, at \$1,100 each.		
10 forest guards, at \$900 each (4 months).	1 forest guard, hunter, at \$660.		
	1 clerk, at \$1,200.		
Traveling expenses.....	Traveling expenses.....	1,000.00	464.19
Supplies and equipment.....	Supplies and equipment.....	650.00	3,344.12
Miscellaneous expenses.....	Miscellaneous expenses.....	950.00	525.76
Assessment for general administration...		2,450.00	
Total estimate, 1914.....	Total expenditures, 1912.....	9,800.00	9,150.75
Total appropriation, 1913.....		9,352.00	
Increase.....		448.00	
Okanogan National Forest, 1914, \$15,900.		Okanogan National Forest, 1912, \$13,246.94. (Original subappropriation of \$16,745 decreased by transfer of \$3,498.06 to other subappropriations.)	
ESTIMATED.	EXPENDED.		
Salaries.....	Salaries.....	\$5,500.00	\$9,781.25
As follows:	As follows:		
1 forest assistant, at \$1,200.	1 forest assistant, at \$1,000.		
4 assistant forest rangers, at \$1,100 each (6 months).	3 assistant forest rangers, at \$1,100 each.		
17 forest guards, at \$900 each (4 months).	29 forest guards, at \$900 each.		
	2 field assistants, at \$600 each.		
Traveling expenses.....	1 clerk, at \$1,200.	1,500.00	1,142.33
Supplies and equipment.....	1 clerk, at \$1,100.	639.00	1,742.96
Miscellaneous expenses.....	1 stenographer and typewriter, at \$900.	2,050.00	580.40
Assessment for general administration...	1 cook, at \$1 per diem.	3,220.00	
Total estimate, 1914.....	Total expenditures, 1912.....	15,900.00	13,246.94
Total appropriation, 1913.....		16,834.00	
Decrease.....		934.00	
Olympic National Forest, 1914, \$16,130.		Olympic National Forest, 1912, \$14,212.49. (Original subappropriation of \$15,962 decreased by transfer of \$1,749.51 to other subappropriations.)	
ESTIMATED.	EXPENDED.		
Salaries.....	Salaries.....	\$9,000.00	\$9,035.26
As follows:	As follows:		
1 scaler, at \$1,400.	1 forest assistant, at \$1,200.		
1 forest assistant, at \$1,200.	5 assistant forest rangers, at \$1,100 each.		
4 assistant forest rangers, at \$1,100 each (6 months).	24 forest guards, at \$900 each.		
14 forest guards, at \$900 each (4 months).	1 forest supervisor, at \$2,000.		
	1 forest expert, at \$1,400.		
Traveling expenses.....	1 forest clerk, at \$900.	1,000.00	1,955.07
Supplies and equipment.....	Traveling expenses.....	700.00	2,506.05
Miscellaneous expenses.....	Supplies and equipment.....	1,400.00	699.86
Assessment for general administration...	Miscellaneous expenses.....	4,030.00	
Total estimate, 1914.....	Total expenditures, 1912.....	16,130.00	14,196.24
Total appropriation, 1913.....		16,850.00	
Decrease.....		720.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
General Expenses, Forest Service—Continued.			
Oregon National Forest, 1914, \$17,600.		Oregon National Forest, 1912, \$19,040.28. (Original subappropriation of \$19,462 decreased by transfer of \$421.72 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$8,900.00	Salaries.....	\$9,630.72
As follows:		As follows:	
1 forest assistant, at \$1,400.		2 forest assistants, at \$1,400 each.	
6 assistant forest rangers, at \$1,100 each (6 months).		4 forest rangers, at \$1,100 each.	
14 forest guards, at \$900 each (4 months).		7 assistant forest rangers, at \$1,100 each.	
		1 assistant forest ranger, at \$1,000.	
		17 forest guards, at \$900 each.	
		3 forest guards, at \$12 each.	
		6 field assistants, at \$600 each.	
		1 stenographer and typewriter, at \$75 per month.	
		1 land expert, at \$1,800.	
Traveling expenses.....	1,200.00	Traveling expenses.....	955.65
Supplies and equipment.....	1,165.00	Supplies and equipment.....	7,339.12
Miscellaneous expenses.....	1,935.00	Miscellaneous expenses.....	1,094.95
Assessment for general administration.....	4,400.00		
Total estimate, 1914.....	17,600.00	Total expenditures, 1912.....	19,020.44
Total appropriation, 1913.....	19,077.00		
Decrease.....	1,477.00		
Ozark National Forest, 1914, \$15,893.		Ozark National Forest, 1912, \$12,907.65. (Original subappropriation of \$11,496 increased by transfer of \$1,411.65 from other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$3,800.00	Salaries.....	\$4,887.24
As follows:		As follows:	
1 forest assistant, at \$1,400.		2 forest assistants, at \$1,400 each.	
1 forest assistant, at \$1,200.		4 forest assistants, at \$1,200 each.	
4 forest guards, at \$900 each (4 months).		1 forest assistant, at \$1,100.	
		1 forest assistant, at \$1,000.	
		1 assistant forest ranger, at \$1,100.	
		2 forest guards, at \$720 each.	
		3 forest guards, at \$900 each.	
		2 forest guards, at \$1,100 each.	
		1 field assistant, at \$50 per month.	
		2 forest clerks, at \$900 each.	
		2 lumbermen, at \$1,700 each.	
Traveling expenses.....	1,700.00	Traveling expenses.....	3,478.89
Supplies and equipment.....	6,180.00	Supplies and equipment.....	4,243.64
Miscellaneous expenses.....	600.00	Miscellaneous expenses.....	297.88
Assessment for general administration.....	3,613.00		
Total estimate, 1914.....	15,893.00	Total expenditures, 1912.....	12,907.65
Total appropriation, 1913.....	15,893.00		
Palisade National Forest, 1914, \$8,173.		Palisade National Forest, 1912, \$7,510. (Original subappropriation of \$9,739 decreased by transfer of \$2,229 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$3,000.00	Salaries.....	\$2,947.55
As follows:		As follows:	
1 forest assistant, at \$1,200.		2 forest assistants, at \$1,200 each.	
6 forest guards, at \$900 each (4 months).		1 assistant forest ranger, at \$1,100.	
		11 forest guards, at \$900 each.	
		1 forest guard, at \$720.	
		1 forest clerk, at \$1,100.	
Traveling expenses.....	1,133.00	Traveling expenses.....	1,191.30
Supplies and equipment.....	1,300.00	Supplies and equipment.....	2,744.61
Miscellaneous expenses.....	700.00	Miscellaneous expenses.....	623.63
Assessment for general administration.....	2,040.00		
Total estimate, 1914.....	8,173.00	Total expenditures, 1912.....	7,507.09
Total appropriation, 1913.....	8,721.00		
Decrease.....	548.00		
Paulina National Forest, 1914, \$12,770.		Paulina National Forest, 1912, \$8,271.78. (Original subappropriation of \$13,802 decreased by transfer of \$5,530.22 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$5,400.00	Salaries.....	\$5,301.96
As follows:		As follows:	
1 forest assistant, at \$1,200.		4 assistant forest rangers, at \$1,100 each.	
14 forest guards, at \$900 each (4 months).		12 forest guards, at \$900 each.	
		3 field assistants, at \$600 each.	
		1 forest clerk, at \$1,200.	
Traveling expenses.....	830.00	Traveling expenses.....	296.00
Supplies and equipment.....	200.00	Supplies and equipment.....	2,418.39
Miscellaneous expenses.....	3,150.00	Miscellaneous expenses.....	255.08
Assessment for general administration.....	3,190.00		
Total estimate, 1914.....	12,770.00	Total expenditures, 1912.....	8,271.43
Total appropriation, 1913.....	13,670.00		
Decrease.....	900.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>			
Payette National Forest, 1914, \$16,522.		Payette National Forest, 1912, \$14,343.87. (Original subappropriation of \$15,158 decreased by transfer of \$814.13 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$7,650.00	Salaries.....	\$7,022.23
As follows:		As follows:	
2 forest assistants, at \$1,200 each.		2 forest assistants, at \$1,200 each.	
3 assistant forest rangers, at \$1,100 each (6 months).		3 assistant forest rangers, at \$1,100 each.	
12 forest guards, at \$900 each (4 months).		25 forest guards, at \$900 each.	
		1 forest guard, at \$1,000.	
Traveling expenses.....	1,100.00	2 field assistants, at \$600 each.	
Supplies and equipment.....	3,325.00	1 forest guard, at \$1,100.	
Miscellaneous expenses.....	720.00	1 forest clerk, at \$1,100.	
Assessment for general administration...	3,727.00	Traveling expenses.....	1,348.95
		Supplies and equipment.....	5,375.74
Total estimate, 1914.....	16,522.00	Miscellaneous expenses.....	583.33
Total appropriation, 1913.....	12,454.00	Total expenditures, 1912.....	14,330.25
Increase.....	4,068.00		
Pecos National Forest, 1914, \$12,200.		Pecos National Forest, 1912, \$12,404.69. (Original subappropriation of \$11,737 increased by transfer of \$667.69 from other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$2,625.00	Salaries.....	\$5,690.16
As follows:		As follows:	
1 forest assistant, at \$1,200.		3 forest assistants, at \$1,200 each.	
5 forest guards, at \$900 each (temporary).		1 forest assistant, at \$1,500.	
		2 assistant forest rangers, at \$1,100 each.	
Traveling expenses.....	800.00	9 forest guards, at \$900 each.	
Supplies and equipment.....	5,550.00	1 hunter, at \$900.	
Miscellaneous expenses.....	175.00	1 forest supervisor, at \$1,600.	
Assessment for general administration...	3,050.00	Traveling expenses.....	717.11
		Supplies and equipment.....	5,606.01
Total estimate, 1914.....	12,200.00	Miscellaneous expenses.....	391.41
Total appropriation, 1913.....	13,093.00	Total expenditures, 1912.....	12,404.69
Decrease.....	893.00		
Pend d'Oreille National Forest, 1914, \$15,449.		Pend d'Oreille National Forest, 1912, \$14,827.88. (Original subappropriation of \$14,446 increased by transfer of \$381.88 from other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$7,700.00	Salaries.....	\$7,454.25
As follows:		As follows:	
1 forest assistant, at \$1,200.		1 forest assistant, at \$1,200.	
1 clerk, at \$900.		10 assistant forest rangers, at \$1,100 each.	
1 assistant forest ranger, at \$1,100.		9 forest guards, at \$900 each.	
15 forest guards, at \$900 each (4 months).		5 forest guards, at \$12 each.	
Traveling expenses.....	1,620.00	Traveling expenses.....	2,174.17
Supplies and equipment.....	1,700.00	Supplies and equipment.....	4,435.73
Miscellaneous expenses.....	569.00	Miscellaneous expenses.....	733.57
Assessment for general administration...	3,860.00	Total expenditures, 1912.....	14,797.72
Total estimate, 1914.....	15,449.00		
Total appropriation, 1913.....	14,303.00		
Increase.....	1,146.00		
Pike National Forest, 1914, \$16,862.		Pike National Forest, 1912, \$16,097.15. (Original subappropriation of \$17,184 decreased by transfer of \$1,086.85 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$7,350.00	Salaries.....	\$8,182.26
As follows:		As follows:	
1 forest assistant, at \$1,700.		1 forest assistant, at \$1,600.	
1 forest assistant, at \$1,200.		2 forest assistants, at \$1,000 each.	
1 forest planting assistant, at \$1,200.		1 forest planting assistant, at \$1,000.	
1 assistant forest ranger, at \$1,100 (6 months).		2 assistant forest rangers, at \$1,100 each.	
6 forest guards, at \$900 each (6 months).		10 forest guards, at \$900 each.	
Traveling expenses.....	2,000.00	3 field assistants, at \$600 each.	
Supplies and equipment.....	1,252.00	1 forest guard, at \$3 per diem.	
Miscellaneous expenses.....	2,050.00	8 forest guards, at \$2.50 per diem each.	
Assessment for general administration...	4,210.00	1 forest guard, at \$1.50 per diem.	
		1 expert, at \$1,100.	
Total estimate, 1914.....	16,862.00	2 clerks, at \$1,000 each.	
Total appropriation, 1913.....	17,973.00	Traveling expenses.....	2,069.34
Decrease.....	1,111.00	Supplies and equipment.....	3,788.72
		Miscellaneous expenses.....	1,375.93
		Total expenditures, 1912.....	15,416.25

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
General Expenses, Forest Service—Continued.			
Plumas National Forest, 1914, \$24,607.		Plumas National Forest, 1912, \$17,173.70. (Original subappropriation of \$17,900 decreased by transfer of \$726.30 to other subappropriations.)	
ESTIMATED.	EXPENDED.		
Salaries.....	Salaries.....	\$10,950.00	\$10,922.21
As follows:	As follows:		
1 forest assistant, at \$1,600.	1 forest assistant, at \$1,000.		
1 forest assistant, at \$1,300.	1 forest assistant, at \$1,200.		
7 assistant forest rangers, at \$1,100 each (6 months).	1 forest assistant, at \$1,400.		
14 forest guards, at \$900 each (4 months).	6 assistant forest rangers, at \$1,100 each.		
	1 forest guard, at \$1,000.		
	16 forest guards, at \$900 each.		
	2 forest guards, at \$1,100 each.		
	13 field assistants, at \$600 each.		
	1 clerk, at \$900.		
Traveling expenses.....	Traveling expenses.....	2,000.00	1,938.53
Supplies and equipment.....	Supplies and equipment.....	842.00	3,466.42
Miscellaneous expenses.....	Miscellaneous expenses.....	4,665.00	814.31
Assessment for general administration...		6,150.00	
Total estimate, 1914.....	Total expenditures, 1912.....	24,607.00	17,141.47
Total appropriation, 1913.....		23,608.00	
Increase.....		999.00	
Pocatello National Forest, 1914, \$1,483.		Pocatello National Forest, 1912, \$982.75. (Original subappropriation of \$3,327 decreased by transfer of \$2,344.25 to other subappropriations.)	
ESTIMATED.	EXPENDED.		
Salaries.....	Salaries.....	\$260.00	\$57.50
As follows:	As follows:		
1 forest guard, at \$900.	1 forest guard, at \$900.		
Traveling expenses.....	Traveling expenses.....	175.00	336.40
Supplies and equipment.....	Supplies and equipment.....	400.00	208.83
Miscellaneous expenses.....	Miscellaneous expenses.....	648.00	351.93
Assessment for general administration...			
Total estimate, 1914.....	Total expenditures, 1912.....	1,483.00	954.66
Total appropriation, 1913.....		1,483.00	
Powell National Forest, 1914, \$2,586.		Powell National Forest, 1912, \$809.50. (Original subappropriation of \$4,911 decreased by transfer of \$4,101.50 to other subappropriations.)	
ESTIMATED.	EXPENDED.		
Salaries.....	Salaries.....	\$1,200.00	
As follows:	As follows:		
1 forest assistant, at \$1,200.	1 forest guard, at \$900.		
Traveling expenses.....	Traveling expenses.....	200.00	\$106.27
Supplies and equipment.....	Supplies and equipment.....	90.00	547.35
Miscellaneous expenses.....	Miscellaneous expenses.....	220.00	149.97
Assessment for general administration...		876.00	
Total estimate, 1914.....	Total expenditures, 1912.....	2,586.00	803.59
Total appropriation, 1913.....		2,586.00	
Prescott National Forest, 1914, \$4,780.		Prescott National Forest, 1912, \$4,815. (Original subappropriation of \$6,248 decreased by transfer of \$1,433 to other subappropriations.)	
ESTIMATED.	EXPENDED.		
Salaries.....	Salaries.....	\$900.00	\$919.44
As follows:	As follows:		
2 forest guards, at \$900 each (6 months).	2 forest guards, at \$900 each.		
Traveling expenses.....	1 deputy forest supervisor, at \$1,400.		
Supplies and equipment.....	Traveling expenses.....	800.00	1,067.72
Miscellaneous expenses.....	Supplies and equipment.....	1,150.00	2,278.94
Assessment for general administration...	Miscellaneous expenses.....	740.00	525.90
		1,190.00	
Total estimate, 1914.....	Total expenditures, 1912.....	4,780.00	4,792.00
Total appropriation, 1913.....		6,376.00	
Decrease.....		1,596.00	
Rainier National Forest, 1914, \$14,400.		Rainier National Forest, 1912, \$11,508.97. (Original subappropriation of \$13,603 decreased by transfer of \$2,094.03 to other subappropriations.)	
ESTIMATED.	EXPENDED.		
Salaries.....	Salaries.....	\$6,800.00	\$8,615.69
As follows:	As follows:		
1 forest assistant, at \$1,300.	1 forest assistant, at \$1,300.		
4 assistant forest rangers, at \$1,100 each (6 months).	8 assistant forest rangers, at \$1,100 each.		
11 forest guards, at \$900 each (4 months).	20 forest guards, at \$900 each.		
Traveling expenses.....	1 temporary clerk, at \$720.		
Supplies and equipment.....	1 stenographer and typewriter, at \$840.		
Miscellaneous expenses.....	Traveling expenses.....	1,600.00	1,184.41
Assessment for general administration...	Supplies and equipment.....	300.00	1,480.59
	Miscellaneous expenses.....	2,100.00	209.97
		3,600.00	
Total estimate, 1914.....	Total expenditures, 1912.....	14,400.00	11,490.66
Total appropriation, 1913.....		13,518.00	
Increase.....		882.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
General Expenses, Forest Service—Continued.			
Rio Grande National Forest, 1914, \$10,976.		Rio Grande National Forest, 1912, \$8,920.31. (Original subappropriation of \$10,750 decreased by transfer of \$1,829.69 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$5,125.00	Salaries.....	\$3,540.84
As follows:		As follows:	
1 forest assistant, at \$1,600.		1 forest assistant, at \$1,400.	
3 assistant forest rangers, at \$1,100 each (6 months).		1 assistant forest ranger, at \$1,100.	
4 forest guards, at \$900 each (6 months).		8 forest guards, at \$900 each.	
1 forest guard, at \$900 (1 month).		5 field assistants, at \$600 each.	
Traveling expenses.....	1,000.00	Traveling expenses.....	971.41
Supplies and equipment.....	574.00	Supplies and equipment.....	3,229.85
Miscellaneous expenses.....	1,350.00	Miscellaneous expenses.....	679.46
Assessment for general administration....	2,927.00		
Total estimate, 1914.....	10,976.00	Total expenditures, 1912.....	8,421.56
Total appropriation, 1913.....	10,976.00		
Routt National Forest, 1914, \$10,265.		Routt National Forest, 1912, \$10,189.93. (Original subappropriation of \$11,225 decreased by transfer of \$1,035.07 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$4,200.00	Salaries.....	\$4,381.62
As follows:		As follows:	
1 forest assistant, at \$1,600.		1 forest assistant, at \$1,400.	
2 assistant forest rangers, at \$1,100 each (6 months).		1 forest assistant, at \$1,000.	
3 forest guards, at \$900 each (6 months).		2 assistant forest rangers, at \$1,100 each.	
2 forest guards, at \$900 each (1 month).		3 forest guards, at \$900 each.	
Traveling expenses.....	1,000.00	1 forest guard, at \$3 per diem.	
Supplies and equipment.....	780.00	1 field assistant, at \$720.	
Miscellaneous expenses.....	1,725.00	3 field assistants, at \$600 each.	
Assessment for general administration....	2,560.00	1 laborer, at \$900.	
Total estimate, 1914.....	10,265.00	Traveling expenses.....	771.89
Total appropriation, 1913.....	11,675.00	Supplies and equipment.....	3,939.58
Decrease.....	1,410.00	Miscellaneous expenses.....	789.00
Ruby National Forest, 1914, \$3,583.		Total expenditures, 1912.....	9,882.09
ESTIMATED.		Ruby National Forest, 1912. (No appropriation in 1912.)	
Salaries.....	\$1,100.00		
As follows:			
2 assistant forest rangers, at \$1,100 each (6 months).			
Traveling expenses.....	400.00		
Supplies and equipment.....	753.00		
Miscellaneous expenses.....	450.00		
Assessment for general administration....	880.00		
Total estimate, 1914.....	3,583.00		
Total appropriation, 1913.....	3,583.00		
St. Joe National Forest, 1914, \$45,324.		St. Joe National Forest, 1912, \$30,035.18. (Original subappropriation of \$21,536 increased by transfer of \$8,499.18 from other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$17,100.00	Salaries.....	\$13,358.73
As follows:		As follows:	
1 forest supervisor, at \$1,800.		1 forest assistant, at \$1,100.	
1 forest assistant, at \$1,400.		2 forest assistants, at \$1,200 each.	
1 forest assistant, at \$1,200.		1 forest assistant, at \$1,300.	
1 clerk, at \$1,100.		1 forest assistant, at \$1,400.	
2 assistant forest rangers, at \$1,100 each.		1 forest assistant, at \$1,500.	
28 forest guards, at \$900 each (temporary).		1 forest ranger, at \$1,500.	
Traveling expenses.....	1,600.00	4 assistant forest rangers, at \$1,100 each.	
Supplies and equipment.....	15,614.00	1 forest guard, at \$3 per diem.	
Miscellaneous expenses.....	1,480.00	24 forest guards, at \$900 each.	
Assessment for general administration....	9,530.00	3 forest guards, at \$12 each.	
Total estimate, 1914.....	45,324.00	3 clerks, at \$900 each.	
Total appropriation, 1913.....	27,624.00	1 clerk, at \$1,100.	
Increase.....	17,700.00	1 forest supervisor, at \$1,800.	
		Traveling expenses.....	3,210.08
		Supplies and equipment.....	11,711.15
		Miscellaneous expenses.....	821.19
		Total expenditures, 1912.....	29,101.15

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>			
Salmon National Forest, 1914, \$12,169.			
ESTIMATED.			
Salaries.....	\$5,550.00		
As follows:			
1 forest assistant, at \$1,200.			
3 assistant forest rangers, at \$1,100 each (6 months).			
9 forest guards, at \$900 each (4 months).			
Traveling expenses.....	1,100.00		
Supplies and equipment.....	2,300.00		
Miscellaneous expenses.....	560.00		
Assessment for general administration...	2,659.00		
Total estimate, 1914.....	12,169.00		
Total appropriation, 1913.....	12,169.00		
San Isabel National Forest, 1914, \$5,655.			
ESTIMATED.			
Salaries.....	\$2,300.00		
As follows:			
1 forest assistant, at \$1,400.			
2 forest guards, at \$900 each (4 months).			
2 forest guards, at \$900 each (2 months).			
Traveling expenses.....	450.00		
Supplies and equipment.....	445.00		
Miscellaneous expenses.....	1,050.00		
Assessment for general administration...	1,410.00		
Total estimate, 1914.....	5,655.00		
Total appropriation, 1913.....	7,399.00		
Decrease.....	1,744.00		
San Juan National Forest, 1914, \$8,450.			
ESTIMATED.			
Salaries.....	\$3,700.00		
As follows:			
1 forest assistant, at \$1,400.			
2 assistant forest rangers, at \$1,100 each (6 months).			
4 forest guards, at \$900 each (4 months).			
Traveling expenses.....	800.00		
Supplies and equipment.....	600.00		
Miscellaneous expenses.....	1,240.00		
Assessment for general administration...	2,110.00		
Total estimate, 1914.....	8,450.00		
Total appropriation, 1913.....	9,901.00		
Decrease.....	1,451.00		
Santa Barbara National Forest, 1914, \$11,407.			
ESTIMATED.			
Salaries.....	\$4,400.00		
As follows:			
1 forest assistant, at \$1,500.			
2 assistant forest rangers, at \$1,100 each (6 months).			
6 forest guards, at \$900 each (4 months).			
Traveling expenses.....	1,200.00		
Supplies and equipment.....	635.00		
Miscellaneous expenses.....	2,322.00		
Assessment for general administration...	2,850.00		
Total estimate, 1914.....	11,407.00		
Total appropriation, 1913.....	12,270.00		
Decrease.....	863.00		
Salmon National Forest, 1912, \$10,880.25.			
(Original subappropriation of \$17,449 decreased by transfer of \$6,568.75 to other subappropriations.)			
EXPENDED.			
Salaries.....	\$3,300.00		
As follows:			
2 forest assistants, at \$1,200 each.			
4 assistant forest rangers, at \$1,100 each.			
5 forest guards at \$900 each.			
1 hunter, at \$900.			
Traveling expenses.....	1,327.58		
Supplies and equipment.....	5,466.87		
Miscellaneous expenses.....	737.59		
Total expenditures, 1912.....	10,832.04		
San Isabel National Forest, 1912, \$5,915.95.			
(Original subappropriation of \$9,546 decreased by transfer of \$3,630.05 to other subappropriations.)			
EXPENDED.			
Salaries.....	\$1,874.99		
As follows:			
1 forest assistant, at \$1,300.			
1 assistant forest ranger, at \$1,100.			
2 forest guards, at \$900 each.			
1 forest guard, at \$2.50 per diem.			
Traveling expenses.....	708.75		
Supplies and equipment.....	2,494.66		
Miscellaneous expenses.....	616.76		
Total expenditures, 1912.....	5,695.16		
San Juan National Forest, 1912, \$6,801.29.			
(Original subappropriation of \$11,791 decreased by transfer of \$4,989.71 to other subappropriations.)			
EXPENDED.			
Salaries.....	\$2,876.11		
As follows:			
2 forest assistants, at \$1,200 each.			
1 forest assistant, at \$1,000.			
1 forest guard, at \$1,100.			
8 forest guards, at \$900 each.			
5 field assistants, at \$600 each.			
1 forest clerk, at \$1,100.			
Traveling expenses.....	572.36		
Supplies and equipment.....	2,777.32		
Miscellaneous expenses.....	542.64		
Total expenditures, 1912.....	6,768.43		
Santa Barbara National Forest, 1912, \$10,966.41.			
(Original subappropriation of \$14,157 decreased by transfer of \$3,190.59 to other subappropriations.)			
EXPENDED.			
Salaries.....	\$6,439.14		
As follows:			
1 forest assistant, at \$1,400.			
1 deputy forest ranger, at \$1,100.			
4 assistant forest rangers, at \$1,100 each.			
2 forest guards, at \$1,000 each.			
1 forest guard, at \$12.			
5 forest guards, at \$900 each.			
2 forest guards, at \$1,100 each.			
1 forest supervisor, at \$1,900.			
Traveling expenses.....	992.88		
Supplies and equipment.....	2,508.60		
Miscellaneous expenses.....	898.30		
Total expenditures, 1912.....	10,838.92		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
General Expenses, Forest Service—Continued.			
Santa Rosa National Forest, 1914, \$2,180.			
ESTIMATED.			
Traveling expenses.....	\$350.00		
Supplies and equipment.....	950.00		
Miscellaneous expenses.....	340.00		
Assessment for general administration...	540.00		
Total estimate, 1914.....	2,180.00		
Total appropriation, 1913.....	8,400.00		
Decrease.....	6,220.00		
Santiam National Forest, 1914, \$12,627.			
ESTIMATED.			
Salaries.....	\$6,500.00		
As follows:			
1 forest assistant, at \$1,400.			
17 forest guards, at \$900 each (4 months).			
Traveling expenses.....	1,000.00		
Supplies and equipment.....	700.00		
Miscellaneous expenses.....	1,117.00		
Assessment for general administration...	3,310.00		
Total estimate, 1914.....	12,627.00		
Total appropriation, 1913.....	12,627.00		
Sawtooth National Forest, 1914, \$5,535.			
ESTIMATED.			
Salaries.....	\$1,950.00		
As follows:			
7 forest guards, at \$900 each (temporary).			
Traveling expenses.....	1,300.00		
Supplies and equipment.....	375.00		
Miscellaneous expenses.....	530.00		
Assessment for general administration...	1,380.00		
Total estimate, 1914.....	5,535.00		
Total appropriation, 1913.....	7,278.00		
Decrease.....	1,743.00		
Selway National Forest, 1914, \$14,695.			
ESTIMATED.			
Salaries.....	\$8,900.00		
As follows:			
1 forest assistant, at \$1,200.			
1 assistant forest ranger, at \$1,100.			
22 forest guards, at \$900 each (4 months).			
Traveling expenses.....	225.00		
Supplies and equipment.....	1,375.00		
Miscellaneous expenses.....	525.00		
Assessment for general administration...	3,670.00		
Total estimate, 1914.....	14,695.00		
Total appropriation, 1913.....	20,265.00		
Decrease.....	5,570.00		
Sequoia National Forest, 1914, \$15,821.			
ESTIMATED.			
Salaries.....	\$8,100.00		
As follows:			
1 forest assistant, at \$1,400.			
1 assistant forest ranger, at \$1,100 (6 months).			
10 forest guards, at \$900 each (6 months).			
5 forest guards, at \$900 each (4 months).			
1 forest guard, at \$900 (2 months).			
Traveling expenses.....	900.00		
Supplies and equipment.....	500.00		
Miscellaneous expenses.....	2,245.00		
Assessment for general administration...	4,076.00		
Total estimate, 1914.....	15,821.00		
Total appropriation, 1913.....	15,821.00		
Santa Rosa National Forest, 1912.			
(No appropriation for 1912.)			
Santiam National Forest, 1912, \$10,816.11.			
(Original subappropriation of \$11,028 decreased by transfer of \$211.89 to other subappropriations.)			
EXPENDED.			
Salaries.....	\$7,140.29		
As follows:			
1 forest assistant, at \$1,400.			
24 forest guards, at \$900 each.			
1 forest supervisor, at \$1,800.			
1 forest clerk, at \$1,200.			
1 clerk, at \$1,100.			
Traveling expenses.....	636.91		
Supplies and equipment.....	2,515.36		
Miscellaneous expenses.....	412.18		
Total expenditures, 1912.....	10,704.74		
Sawtooth National Forest, 1912, \$5,808.95.			
(Original subappropriation of \$8,487 decreased by transfer of \$2,678.05 to other subappropriations.)			
EXPENDED.			
Salaries.....	\$2,502.69		
As follows:			
1 forest assistant, at \$1,200.			
3 assistant forest rangers, at \$1,100 each.			
2 forest guards, at \$1,100 each.			
2 forest guards, at \$900 each.			
Traveling expenses.....	1,329.61		
Supplies and equipment.....	1,434.40		
Miscellaneous expenses.....	527.76		
Total expenditures, 1912.....	5,794.46		
Selway National Forest, 1912, \$17,029.94.			
(Original subappropriation of \$20,962 decreased by transfer of \$3,932.06 to other subappropriations.)			
EXPENDED.			
Salaries.....	\$7,906.94		
As follows:			
1 forest assistant, at \$1,400.			
4 assistant forest rangers, at \$1,100 each.			
30 forest guards, at \$900 each.			
Traveling expenses.....	222.50		
Supplies and equipment.....	8,636.04		
Miscellaneous expenses.....	264.00		
Total expenditures, 1912.....	17,029.48		
Sequoia National Forest, 1912, \$12,458.21.			
(Original subappropriation of \$18,719 decreased by transfer of \$6,260.79 to other subappropriations.)			
EXPENDED.			
Salaries.....	\$9,322.23		
As follows:			
1 forest assistant, at \$1,200.			
1 deputy forest ranger, at \$1,100.			
5 assistant forest rangers, at \$1,100 each.			
26 forest guards, at \$900 each.			
1 forest guard, at \$600.			
4 field assistants, at \$600 each.			
1 clerk, at \$1,100.			
Traveling expenses.....	1,196.45		
Supplies and equipment.....	1,756.27		
Miscellaneous expenses.....	183.26		
Total expenditures, 1912.....	12,458.21		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
General Expenses, Forest Service—Continued.			
Sevier National Forest, 1914, \$3,760.			
ESTIMATED.			
Salaries.....	\$1,200.00		
As follows:			
1 forest assistant, at \$1,200.			
Traveling expenses.....	450.00		
Supplies and equipment.....	570.00		
Miscellaneous expenses.....	600.00		
Assessment for general administration....	940.00		
Total estimate, 1914.....	3,760.00		
Total appropriation, 1913.....	4,362.00		
Decrease.....	602.00		
Shasta National Forest, 1914, \$19,240.			
ESTIMATED.			
Salaries.....	\$7,300.00		
As follows:			
1 forest assistant, at \$1,400.			
1 forest assistant, at \$1,200.			
2 assistant forest rangers, at \$1,100 each (6 months).			
12 forest guards, at \$900 each (4 months).			
Traveling expenses.....	1,800.00		
Supplies and equipment.....	900.00		
Miscellaneous expenses.....	4,430.00		
Assessment for general administration....	4,810.00		
Total estimate, 1914.....	19,240.00		
Total appropriation, 1913.....	24,533.00		
Decrease.....	5,293.00		
Shoshone National Forest, 1914, \$7,905.			
ESTIMATED.			
Salaries.....	\$3,125.00		
As follows:			
1 forest assistant, at \$1,400.			
5 forest guards, at \$900 each (4 months).			
1 forest guard, hunter, at \$900 (3 months).			
Traveling expenses.....	1,000.00		
Supplies and equipment.....	840.00		
Miscellaneous expenses.....	970.00		
Assessment for general administration....	1,970.00		
Total estimate, 1914.....	7,905.00		
Total appropriation, 1913.....	6,963.00		
Increase.....	942.00		
Sierra National Forest, 1914, \$24,721.			
ESTIMATED.			
Salaries.....	\$11,300.00		
As follows:			
1 forest assistant, at \$1,400.			
1 forest assistant, at \$1,200.			
6 assistant forest rangers, at \$1,100 each (6 months).			
18 forest guards, at \$900 each (4 months).			
Traveling expenses.....	1,000.00		
Supplies and equipment.....	260.00		
Miscellaneous expenses.....	5,981.00		
Assessment for general administration....	6,180.00		
Total estimate, 1914.....	24,721.00		
Total appropriation, 1913.....	13,049.00		
Increase.....	11,672.00		
Sevier National Forest, 1912, \$3,350.60.			
(Original subappropriation of \$3,046 increased by transfer from other subappropriations of \$304.60.)			
EXPENDED.			
Salaries.....	\$1,488.90		
As follows:			
1 forest assistant, at \$1,300.			
1 forest assistant, at \$1,200.			
1 forest guard, at \$900.			
2 field assistants, at \$600 each.			
1 cook, at \$600.			
Traveling expenses.....	676.79		
Supplies and equipment.....	924.79		
Miscellaneous expenses.....	259.47		
Total expenditures, 1912.....	3,349.95		
Shasta National Forest, 1912, \$19,250.			
(Original subappropriation of \$17,816 increased by transfer of \$1,434 from other subappropriations.)			
EXPENDED.			
Salaries.....	\$9,224.34		
As follows:			
2 forest assistants, at \$1,200 each.			
1 forest planting assistant, at \$1,400.			
5 assistant forest rangers, at \$1,100 each.			
1 forest guard, at \$1,080.			
14 forest guards, at \$900 each.			
4 field assistants, at \$600 each.			
1 expert, at \$1,500.			
1 clerk, at \$3 per diem.			
Traveling expenses.....	2,226.91		
Supplies and equipment.....	5,702.49		
Miscellaneous expenses.....	1,429.04		
Total expenditures, 1912.....	18,582.78		
Shoshone National Forest, 1912, \$7,101.33.			
(Original subappropriation of \$7,710 decreased by transfer of \$608.67 to other subappropriations.)			
EXPENDED.			
Salaries.....	\$2,804.17		
As follows:			
1 forest assistant, at \$1,200.			
1 assistant forest ranger, at \$1,100.			
6 forest guards, at \$900 each.			
Traveling expenses.....	1,028.12		
Supplies and equipment.....	2,030.50		
Miscellaneous expenses.....	991.64		
Total expenditures, 1912.....	6,854.43		
Sierra National Forest, 1912, \$13,382.30.			
(Original subappropriation of \$19,823 decreased by transfer of \$6,440.70 to other subappropriations.)			
EXPENDED.			
Salaries.....	\$7,545.00		
As follows:			
1 forest assistant, at \$1,000.			
1 forest assistant, at \$1,200.			
7 assistant forest rangers, at \$1,100 each.			
16 forest guards, at \$900 each.			
5 field assistants, at \$600 each.			
1 clerk, at \$900.			
1 clerk, at \$1,100.			
1 forest ranger, at \$1,100.			
Traveling expenses.....	1,085.21		
Supplies and equipment.....	4,028.99		
Miscellaneous expenses.....	535.97		
Total expenditures, 1912.....	13,195.17		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
General Expenses, Forest Service—Continued.			
Sioux National Forest, 1914, \$6,895.			
<p align="center">ESTIMATED.</p> Salaries..... \$4,000.00 As follows: 1 forest assistant, at \$1,200. 2 assistant forest rangers, at \$1,100 each. 2 forest guards, at \$900 each (4 months). Traveling expenses..... 510.00 Supplies and equipment..... 460.00 Miscellaneous expenses..... 205.00 Assessment for general administration... 1,720.00 Total estimate, 1914..... 6,895.00 Total appropriation, 1913..... 6,118.00 Increase..... 777.00			
Sioux National Forest, 1912, \$4,385.27.			
(Original subappropriation of \$5,634 decreased by transfer of \$1,248.73 to other subappropriations.)			
<p align="center">EXPENDED.</p> Salaries..... \$3,047.50 As follows: 1 forest assistant, at \$1,000. 1 forest assistant, at \$1,200. 3 forest guards, at \$900 each. 1 forest guard, at \$1,000. Traveling expenses..... 845.05 Supplies and equipment..... 267.14 Miscellaneous expenses..... 78.03 Total expenditures, 1912..... 4,237.72			
Siskiyou National Forest, 1914, \$16,530.			
<p align="center">ESTIMATED.</p> Salaries..... \$8,100.00 As follows: 1 forest assistant, at \$1,400. 4 assistant forest rangers, at \$1,100 each (6 months). 15 forest guards, at \$900 each (4 months). Traveling expenses..... 1,400.00 Supplies and equipment..... 785.00 Miscellaneous expenses..... 2,115.00 Assessment for general administration... 4,130.00 Total estimate, 1914..... 16,530.00 Total appropriation, 1913..... 13,234.00 Increase..... 3,296.00			
Siskiyou National Forest, 1912, \$11,572.83.			
(Original subappropriation of \$15,015 decreased by transfer of \$3,442.17 to other subappropriations.)			
<p align="center">EXPENDED.</p> Salaries..... \$7,027.50 As follows: 1 forest assistant, at \$1,400. 4 assistant forest rangers, at \$1,100 each. 11 forest guards, at \$900 each. 2 forest guards, at \$720 each. 1 clerk, at \$1,200. 1 stenographer and typewriter, at \$900. Traveling expenses..... 1,235.40 Supplies and equipment..... 2,584.84 Miscellaneous expenses..... 719.25 Total expenditures, 1912..... 11,566.99			
Sitgreaves National Forest, 1914, \$6,200.			
<p align="center">ESTIMATED.</p> Salaries..... \$2,175.00 As follows: 6 forest guards, at \$900 each (temporary). Traveling expenses..... 900.00 Supplies and equipment..... 1,075.00 Miscellaneous expenses..... 500.00 Assessment for general administration... 1,550.00 Total estimate, 1914..... 6,200.00 Total appropriation, 1913..... 15,310.00 Decrease..... 9,110.00			
Sitgreaves National Forest, 1912, \$10,798.73.			
(Original subappropriation of \$12,881 decreased by transfer of \$2,082.27 to other subappropriations.)			
<p align="center">EXPENDED.</p> Salaries..... \$3,054.19 As follows: 3 forest assistants, at \$1,200 each. 1 assistant forest ranger, at \$1,100. 13 forest guards, at \$900 each. 1 field assistant, at \$600. 1 unskilled laborer, at \$180. Traveling expenses..... 1,267.18 Supplies and equipment..... 5,324.22 Miscellaneous expenses..... 1,136.76 Total expenditures, 1912..... 10,782.35			
Sluslaw National Forest, 1914, \$10,260.			
<p align="center">ESTIMATED.</p> Salaries..... \$6,050.00 As follows: 1 forest assistant, at \$1,200. 2 assistant forest rangers, at \$1,100 each (6 months). 12 forest guards, at \$900 each (temporary). Traveling expenses..... 1,250.00 Supplies and equipment..... 200.00 Miscellaneous expenses..... 200.00 Assessment for general administration... 2,560.00 Total estimate, 1914..... 10,260.00 Total appropriation, 1913..... 7,989.00 Increase..... 2,271.00			
Sluslaw National Forest, 1912, \$8,576.98.			
(Original subappropriation of \$10,491 decreased by transfer of \$1,914.02 to other subappropriations.)			
<p align="center">EXPENDED.</p> Salaries..... \$4,409.99 As follows: 2 assistant forest rangers, at \$1,100 each. 10 forest guards, at \$900 each. 1 clerk, at \$1,200. 1 forest supervisor, at \$1,800. Traveling expenses..... 833.87 Supplies and equipment..... 2,988.71 Miscellaneous expenses..... 250.38 Total expenditures, 1912..... 8,482.95			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>			
Snoqualmie National Forest, 1914, \$17,460.			
ESTIMATED.		EXPENDED.	
Salaries.....	\$5,800.00	Salaries.....	\$8,993.00
As follows:		As follows:	
2 forest assistants, at \$1,300 each.		3 forest assistants, at \$1,200 each.	
2 assistant forest rangers, at \$1,100 each (6 months).		2 forest assistants, at \$1,000 each.	
7 forest guards, at \$900 each (4 months).		10 assistant forest rangers, at \$1,100 each.	
Traveling expenses.....	1,500.00	15 forest guards, at \$900 each.	
Supplies and equipment.....	1,220.00	12 field assistants, at \$600 each.	
Miscellaneous expenses.....	4,580.00	Traveling expenses.....	1,054.34
Assessment for general administration...	4,360.00	Supplies and equipment.....	4,903.67
		Miscellaneous expenses.....	1,341.14
Total estimate, 1914.....	17,460.00	Total expenditures, 1912.....	16,297.15
Total appropriation, 1913.....	25,605.00		
Decrease.....	8,145.00		
Sopris National Forest, 1914, \$7,426.		Sopris National Forest, 1912, \$6,742.80.	
ESTIMATED.		EXPENDED.	
Salaries.....	\$2,750.00	Salaries.....	\$3,192.23
As follows:		As follows:	
1 forest assistant, at \$1,300.		1 forest assistant, at \$1,200.	
1 assistant forest ranger, at \$1,100 (6 months).		3 assistant forest rangers, at \$1,100 each.	
3 forest guards, at \$900 each (4 months).		1 forest guard, at \$900.	
Traveling expenses.....	1,200.00	1 clerk, at \$1,400.	
Supplies and equipment.....	576.00	1 forest clerk, at \$1,100.	
Miscellaneous expenses.....	1,050.00	Traveling expenses.....	1,219.10
Assessment for general administration...	1,850.00	Supplies and equipment.....	1,531.55
		Miscellaneous expenses.....	370.92
Total estimate, 1914.....	7,426.00	Total expenditures, 1912.....	6,313.80
Total appropriation, 1913.....	9,047.00		
Decrease.....	1,621.00		
Stanislaus National Forest, 1914, \$16,601.		Stanislaus National Forest, 1912, \$14,045.69.	
ESTIMATED.		EXPENDED.	
Salaries.....	\$6,150.00	Salaries.....	\$8,931.78
As follows:		As follows:	
1 forest assistant, at \$1,500.		1 forest assistant, at \$1,200.	
1 forest assistant, at \$1,400.		1 forest assistant, at \$1,400.	
1 assistant forest ranger, at \$1,100 (6 months).		6 assistant forest rangers, at \$1,100 each.	
9 forest guards, at \$900 each (4 months).		15 forest guards, at \$900 each.	
Traveling expenses.....	1,200.00	6 field assistants, at \$600 each.	
Supplies and equipment.....	980.00	2 clerks, at \$450 each.	
Miscellaneous expenses.....	4,121.00	1 expert, at \$1,500.	
Assessment for general administration...	4,150.00	1 agent, at \$6 per diem.	
		1 deputy forest supervisor, at \$1,400.	
Total estimate, 1914.....	16,601.00	Traveling expenses.....	1,614.15
Total appropriation, 1913.....	18,593.00	Supplies and equipment.....	2,586.67
Decrease.....	1,992.00	Miscellaneous expenses.....	913.09
Sundance National Forest, 1914, \$3,711.		Total expenditures, 1912.....	14,045.69
ESTIMATED.			
Salaries.....	\$900.00	Sundance National Forest, 1912, \$2,829.20.	
As follows:		EXPENDED.	
2 forest guards, at \$900 each (6 months).		Salaries.....	\$1,071.39
Traveling expenses.....	500.00	As follows:	
Supplies and equipment.....	490.00	1 assistant forest ranger, at \$1,100.	
Miscellaneous expenses.....	625.00	2 forest guards, at \$900 each.	
Assessment for general administration...	1,196.00	Traveling expenses.....	560.38
		Supplies and equipment.....	834.38
Total estimate, 1914.....	3,711.00	Miscellaneous expenses.....	280.55
Total appropriation, 1913.....	3,711.00	Total expenditures, 1912.....	2,746.70

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>			
Superior National Forest, 1914, \$9,092.			
ESTIMATED.			
Salaries.....	\$5,400.00		
As follows:			
18 forest guards, at \$900 each (4 months).....			
Traveling expenses.....	650.00		
Supplies and equipment.....	434.00		
Miscellaneous expenses.....	338.00		
Assessment for general administration.....	2,270.00		
Total estimate, 1914.....	9,092.00		
Total appropriation, 1913.....	13,099.00		
Decrease.....	4,007.00		
Tahoe National Forest, 1914, \$18,567.			
ESTIMATED.			
Salaries.....	\$8,550.00		
As follows:			
1 forest assistant, at \$1,400.....			
1 forest assistant, at \$1,200.....			
7 assistant forest rangers, at \$1,100 each (6 months).....			
7 forest guards, at \$900 (4 months).....			
Traveling expenses.....	1,500.00		
Supplies and equipment.....	800.00		
Miscellaneous expenses.....	3,077.00		
Assessment for general administration.....	4,640.00		
Total estimate, 1914.....	18,567.00		
Total appropriation, 1913.....	20,177.00		
Decrease.....	1,610.00		
Targhee National Forest, 1914, \$8,861.			
ESTIMATED.			
Salaries.....	\$3,300.00		
As follows:			
1 forest assistant, at \$1,200.....			
7 forest guards, at \$900 each (4 months).....			
Traveling expenses.....	1,250.00		
Supplies and equipment.....	1,366.00		
Miscellaneous expenses.....	735.00		
Assessment for general administration.....	2,210.00		
Total estimate, 1914.....	8,861.00		
Total appropriation, 1913.....	12,332.00		
Decrease.....	3,471.00		
Teton National Forest, 1914, \$6,760.			
ESTIMATED.			
Salaries.....	\$4,000.00		
As follows:			
1 forest assistant, at \$1,200.....			
3 assistant forest rangers, at \$1,100 each (6 months).....			
2 forest guards, at \$900 each (temporary).....			
Traveling expenses.....	300.00		
Supplies and equipment.....	550.00		
Miscellaneous expenses.....	220.00		
Assessment for general administration.....	1,690.00		
Total estimate, 1914.....	6,760.00		
Total appropriation, 1913.....	8,825.00		
Decrease.....	2,065.00		
Superior National Forest, 1912, \$7,978.58.			
(Original subappropriation of \$10,533 decreased by transfer of \$2,554.42 to other subappropriations.)			
EXPENDED.			
Salaries.....	\$4,155.31		
As follows:			
2 assistant forest rangers, at \$1,100 each.....			
10 forest guards, at \$900 each.....			
8 field assistants, at \$65 per month each.....			
Traveling expenses.....	773.37		
Supplies and equipment.....	2,745.99		
Miscellaneous expenses.....	303.91		
Total expenditures, 1912.....	7,978.58		
Tahoe National Forest, 1912, \$16,125.			
(Original subappropriation of \$18,647 decreased by transfer of \$2,522 to other subappropriations.)			
EXPENDED.			
Salaries.....	\$11,336.01		
As follows:			
2 forest assistants, at \$1,200 each.....			
13 assistant forest rangers, at \$1,100 each.....			
1 forest guard, at \$1,800.....			
3 forest guards, at \$12 each.....			
1 forest guard, at \$720.....			
10 forest guards, at \$900 each.....			
4 field assistants, at \$600 each.....			
1 clerk, at \$900.....			
1 clerk, at \$3 per diem.....			
1 janitor, at \$1.50 per diem.....			
1 expert, at \$1,500.....			
Traveling expenses.....	1,830.45		
Supplies and equipment.....	2,266.34		
Miscellaneous expenses.....	617.40		
Total expenditures, 1912.....	16,050.20		
Targhee National Forest, 1912, \$11,780.96.			
(Original subappropriation of \$11,424 increased by transfer of \$356.96 from other subappropriations.)			
EXPENDED.			
Salaries.....	\$5,301.63		
As follows:			
2 forest assistants, at \$1,200 each.....			
1 forest assistant, at \$1,300.....			
2 assistant forest rangers, at \$1,100 each.....			
6 forest guards, at \$900 each.....			
6 field assistants, at \$600 each.....			
Traveling expenses.....	1,816.10		
Supplies and equipment.....	3,858.98		
Miscellaneous expenses.....	778.80		
Total expenditures, 1912.....	11,755.51		
Teton National Forest, 1912, \$6,427.33.			
Original subappropriation of \$9,125 decreased by transfer of \$2,697.67 to other subappropriations.)			
EXPENDED.			
Salaries.....	\$2,801.83		
As follows:			
3 forest assistants, at \$1,200 each.....			
1 assistant forest ranger, at \$1,100.....			
4 forest guards, at \$900 each.....			
1 cook, at \$2 per diem.....			
Traveling expenses.....	449.46		
Supplies and equipment.....	2,902.41		
Miscellaneous expenses.....	240.29		
Total expenditures, 1912.....	6,393.99		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>			
Toiyabe National Forest, 1914, \$9,770.		Toiyabe National Forest, 1912, \$6,217.32. (Original subappropriation of \$7,223 decreased by transfer of \$1,005.68 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$4,800.00	Salaries.....	\$4,323.33
As follows:		As follows:	
4 assistant forest rangers, at \$1,100 each.		1 assistant forest ranger, at \$1,200.	
1 forest guard, at \$900 (temporary).		3 forest guards, at \$1,200 each.	
Traveling expenses.....	900.00	2 forest supervisors, at \$1,600 each.	
Supplies and equipment.....	1,130.00	1 hunter, at \$1,200.	
Miscellaneous expenses.....	500.00	Traveling expenses.....	621.42
Assessment for general administration.....	2,440.00	Supplies and equipment.....	712.30
		Miscellaneous expenses.....	527.07
Total estimate, 1914.....	9,770.00	Total expenditures, 1912.....	6,184.12
Total appropriation, 1913.....	8,922.00		
Increase.....	848.00		
Tongass National Forest, 1914, \$23,260.		Tongass National Forest, 1912, \$21,758.57. (Original subappropriation of \$23,041 decreased by transfer of \$1,282.43 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$8,400.00	Salaries.....	13,300.84
As follows:		As follows:	
1 forest assistant, at \$1,400.		1 supervisor, at \$2,600.	
1 clerk, at \$1,600.		1 forest assistant, at \$1,500.	
9 forest guards, at \$1,200 each (6 months).		1 forest assistant, at \$1,400.	
Traveling expenses.....	1,500.00	2 forest rangers, at \$1,500 each.	
Supplies and equipment.....	2,400.00	1 assistant forest ranger, at \$1,500.	
Miscellaneous expenses.....	5,900.00	4 forest guards, at \$1,200 each.	
Assessment for general administration.....	5,060.00	1 clerk, at \$1,600.	
Total estimate, 1914.....	23,260.00	Traveling expenses.....	1,177.58
Total appropriation, 1913.....	21,160.00	Supplies and equipment.....	5,426.96
Increase.....	2,100.00	Miscellaneous expenses.....	1,818.80
Tonto National Forest, 1914, \$5,495.		Total expenditures, 1912.....	21,724.18
ESTIMATED.		Tonto National Forest, 1912, \$6,097.17. (Original subappropriation of \$7,433 decreased by transfer of \$1,335.83 to other subappropriations.)	
Salaries.....	\$2,325.00	Salaries.....	\$915.28
As follows:		As follows:	
6 forest guards, at \$900 each (temporary).		1 forest guard, at \$900.	
Traveling expenses.....	700.00	1 forest clerk, at \$1,100.	
Supplies and equipment.....	950.00	Traveling expenses.....	864.34
Miscellaneous expenses.....	150.00	Supplies and equipment.....	4,072.67
Assessment for general administration.....	1,370.00	Miscellaneous expenses.....	220.42
Total estimate, 1914.....	5,495.00	Total expenditures, 1912.....	6,072.71
Total appropriation, 1913.....	10,429.00		
Decrease.....	4,934.00		
Trinity National Forest, 1914, \$24,266.		Trinity National Forest, 1912, \$24,220. (Original subappropriation of \$23,113 increased by transfer of \$1,107 from other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$11,600.00	Salaries.....	\$15,845.81
As follows:		As follows:	
1 forest assistant, at \$1,600.		1 forest assistant, at \$1,200.	
2 forest assistants, at \$1,200 each.		1 forest assistant, at \$1,400.	
4 assistant forest rangers, at \$1,100 each (6 months).		12 assistant forest rangers, at \$1,100 each.	
18 forest guards, at \$900 each (4 months).		31 forest guards, at \$900 each.	
Traveling expenses.....	1,300.00	1 forest guard, at \$1,100.	
Supplies and equipment.....	807.00	6 field assistants, at \$600 each.	
Miscellaneous expenses.....	4,499.00	1 expert, at \$1,500.	
Assessment for general administration.....	6,060.00	1 telephone operator, at \$300.	
Total estimate, 1914.....	24,266.00	Traveling expenses.....	1,534.26
Total appropriation, 1913.....	29,483.00	Supplies and equipment.....	4,953.63
Decrease.....	5,217.00	Miscellaneous expenses.....	1,651.83
		Total expenditures, 1912.....	23,985.53

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

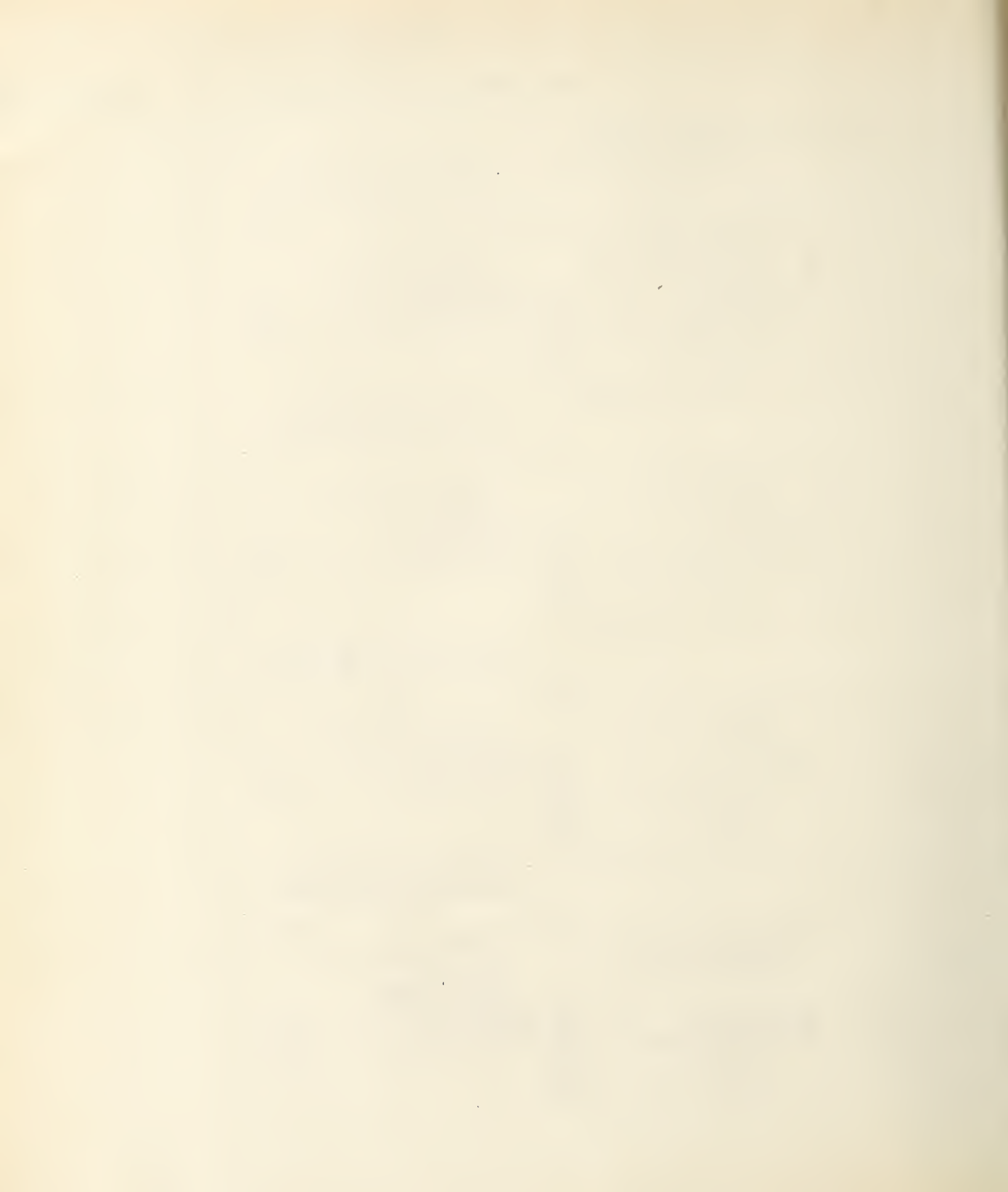
General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>			
Tusayan National Forest, 1914, \$15,261.		Tusayan National Forest, 1912, \$11,193.99. (Original subappropriation of \$11,918 decreased by transfer of \$724.01 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$4,750.00	Salaries.....	\$4,979.54
As follows:		As follows:	
1 forest assistant, at \$1,400.		1 forest assistant, at \$1,200.	
1 scaler, at \$1,400.		1 assistant forest ranger, at \$1,100.	
7 forest guards, at \$900 each (temporary).		1 forest guard, at \$900.	
		10 forest guards, at \$900 each.	
		1 forest guard, at \$720.	
		1 field assistant, at \$50 per month.	
		1 scaler, at \$1,400.	
		1 forest examiner, at \$1,700.	
		2 clerks, at \$1,100 each.	
		1 clerk, at \$1,200.	
Traveling expenses.....	1,000.00	Traveling expenses.....	1,562.89
Supplies and equipment.....	5,200.00	Supplies and equipment.....	4,272.52
Miscellaneous expenses.....	560.00	Miscellaneous expenses.....	379.04
Assessment for general administration...	3,751.00		
		Total expenditures, 1912.....	11,193.99
Total estimate, 1914.....	15,261.00		
Total appropriation, 1913.....	11,751.00		
Increase.....	3,510.00		
Uinta National Forest, 1914, \$5,585.		Uinta National Forest, 1912, \$5,146.65. (Original subappropriation of \$6,090 decreased by transfer of \$943.35 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$1,400.00	Salaries.....	\$1,654.46
As follows:		As follows:	
1 agent, at \$1,400.		1 forest assistant, at \$1,400.	
		2 assistant forest rangers, at \$1,100 each.	
		1 forest agent, at \$1,400.	
Traveling expenses.....	1,000.00	Traveling expenses.....	918.24
Supplies and equipment.....	1,695.00	Supplies and equipment.....	2,340.99
Miscellaneous expenses.....	100.00	Miscellaneous expenses.....	158.70
Assessment for general administration...	1,390.00		
		Total expenditures, 1912.....	5,072.39
Total estimate, 1914.....	5,585.00		
Total appropriation, 1913.....	6,744.00		
Decrease.....	1,159.00		
Umatilla National Forest, 1914, \$12,400.		Umatilla National Forest, 1912, \$7,921. (Original subappropriation of \$8,517 decreased by transfer of \$596 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$6,950.00	Salaries.....	\$5,963.33
As follows:		As follows:	
1 forest assistant, at \$1,200.		1 supervisor, at \$1,600.	
2 assistant forest rangers, at \$1,100 each (6 months).		3 assistant forest rangers, at \$1,100 each.	
14 forest guards, at \$900 each (4 months).		8 forest guards, at \$900 each.	
1 forest guard, at \$900 (6 months).		1 clerk, at \$1,200.	
		1 clerk, at \$1,000.	
Traveling expenses.....	760.00	Traveling expenses.....	479.08
Supplies and equipment.....	467.00	Supplies and equipment.....	1,011.50
Miscellaneous expenses.....	1,123.00	Miscellaneous expenses.....	401.49
Assessment for general administration...	3,100.00		
		Total expenditures, 1912.....	7,855.40
Total estimate, 1914.....	12,400.00		
Total appropriation, 1913.....	8,217.00		
Increase.....	4,183.00		
Umpqua National Forest, 1914, \$12,240.		Umpqua National Forest, 1912, \$11,092.90. (Original subappropriation of \$14,408 decreased by transfer of \$3,315.10 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$5,150.00	Salaries.....	\$7,104.70
As follows:		As follows:	
1 forest assistant, at \$1,300.		1 forest assistant, at \$1,200.	
1 assistant forest ranger, at \$1,100 (6 months).		8 assistant forest rangers, at \$1,100 each.	
11 forest guards, at \$900 each (4 months).		17 forest guards, at \$900 each.	
		1 forest guard, at \$2.50 per diem.	
Traveling expenses.....	1,500.00	Traveling expenses.....	1,509.99
Supplies and equipment.....	694.00	Supplies and equipment.....	1,787.82
Miscellaneous expenses.....	1,836.00	Miscellaneous expenses.....	611.87
Assessment for general administration...	3,060.00		
		Total expenditures, 1912.....	11,014.38
Total estimate, 1914.....	12,240.00		
Total appropriation, 1913.....	13,076.00		
Decrease.....	836.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>			
Uncompahgre National Forest, 1914, \$10,900.		Uncompahgre National Forest, 1912, \$7,987.93. (Original subappropriation of \$10,756 decreased by transfer of \$2,768.07 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$4,400.00	Salaries.....	\$2,412.78
As follows:		As follows:	
1 forest assistant, at \$1,600.		1 forest assistant, \$1,400.	
1 forest agent, at \$900 (6 months).		2 assistant forest rangers, at \$1,100 each.	
1 assistant forest ranger, at \$1,100 (6 months).		4 forest guards, at \$900 each.	
4 forest guards, at \$900 each (6 months).			
Traveling expenses.....	1,000.00	Traveling expenses.....	742.88
Supplies and equipment.....	820.00	Supplies and equipment.....	3,920.98
Miscellaneous expenses.....	1,960.00	Miscellaneous expenses.....	645.64
Assessment for general administration...	2,720.00		
		Total expenditures, 1912.....	7,722.28
Total estimate, 1914.....	10,900.00		
Total appropriation, 1913.....	10,099.00		
Increase.....	801.00		
Wallowa National Forest, 1914, \$9,460.		Wallowa National Forest, 1912, \$8,915. (Original subappropriation of \$12,188 decreased by transfer of \$3,273 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$4,300.00	Salaries.....	\$6,026.94
As follows:		As follows:	
1 forest assistant, at \$1,300.		1 forest assistant, at \$1,200.	
10 forest guards, at \$900 each (4 months).		1 assistant forest ranger, at \$1,200.	
		2 assistant forest rangers, at \$1,100 each.	
		13 forest guards, at \$900 each.	
		1 grazing assistant, at \$1,300.	
Traveling expenses.....	1,000.00	Traveling expenses.....	684.13
Supplies and equipment.....	780.00	Supplies and equipment.....	1,759.11
Miscellaneous expenses.....	1,020.00	Miscellaneous expenses.....	377.28
Assessment for general administration...	2,360.00		
		Total expenditures, 1912.....	8,847.46
Total estimate, 1914.....	9,460.00		
Total appropriation, 1913.....	11,407.00		
Decrease.....	1,947.00		
Wasatch National Forest, 1914, \$3,200.		Wasatch National Forest, 1912, \$1,560. (Original subappropriation of \$2,396 decreased by transfer of \$836 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$1,425.00		
As follows:			
1 forest assistant, at \$1,200.			
1 forest guard, at \$900 (3 months).			
Traveling expenses.....	300.00	Traveling expenses.....	\$367.25
Supplies and equipment.....	575.00	Supplies and equipment.....	599.40
Miscellaneous expenses.....	100.00	Miscellaneous expenses.....	592.50
Assessment for general administration...	800.00		
		Total expenditures, 1912.....	1,559.15
Total estimate, 1914.....	3,200.00		
Total appropriation, 1913.....	2,183.00		
Increase.....	1,017.00		
Washakie National Forest 1914, \$3,900.		Washakie National Forest, 1912, \$3,247.56. (Original subappropriation of \$7,595 decreased by transfer of \$4,347.44 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$1,750.00	Salaries.....	\$1,389.16
As follows:		As follows:	
1 assistant forest ranger, at \$1,100 (6 months).		1 forest assistant, at \$1,200.	
2 forest guards, at \$900 each (6 months).		1 assistant forest ranger, at \$1,100.	
1 forest guard, at \$900 (4 months).		4 forest guards, at \$900 each.	
Traveling expenses.....	480.00	Traveling expenses.....	494.03
Supplies and equipment.....	200.00	Supplies and equipment.....	949.77
Miscellaneous expenses.....	500.00	Miscellaneous expenses.....	350.78
Assessment for general administration...	970.00		
		Total expenditures, 1912.....	3,183.74
Total estimate, 1914.....	3,900.00		
Total appropriation, 1913.....	5,057.00		
Decrease.....	1,157.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>			
Washington National Forest, 1914, \$13,130.		Washington National Forest, 1912, \$9,266.46. (Original subappropriation of \$14,945 decreased by transfer of \$5,678.54 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$7,000.00	Salaries.....	\$6,923.69
As follows:		As follows:	
1 forest assistant, at \$1,200.		1 forest assistant, at \$1,200.	
4 assistant forest rangers, at \$1,100 each (6 months).		5 assistant forest rangers, at \$1,100 each.	
12 forest guards, at \$900 each (4 months).		27 forest guards, at \$900 each.	
Traveling expenses.....	1,400.00	3 forest guards, at \$3 per diem each.	
Supplies and equipment.....	700.00	Traveling expenses.....	948.34
Miscellaneous expenses.....	750.00	Supplies and equipment.....	715.57
Assessment for general administration...	3,280.00	Miscellaneous expenses.....	674.89
Total estimate, 1914.....	13,130.00	Total expenditures, 1912.....	9,262.47
Total appropriation, 1913.....	12,298.00		
Increase.....	832.00		
Weiser National Forest, 1914, \$10,460.		Weiser National Forest, 1912, \$7,200. (Original subappropriation of \$14,066 decreased by transfer of \$6,866 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$5,500.00	Salaries.....	\$3,927.50
As follows:		As follows:	
1 forest assistant, at \$1,600.		1 forest assistant, at \$1,600.	
6 assistant forest rangers, at \$1,100 each (temporary).		4 assistant forest rangers, at \$1,100 each.	
2 forest guards, at \$900 each (temporary).		9 forest guards, at \$900 each.	
Traveling expenses.....	1,000.00	1 forest guard, at \$1,100.	
Supplies and equipment.....	850.00	Traveling expenses.....	1,410.75
Miscellaneous expenses.....	500.00	Supplies and equipment.....	1,438.67
Assessment for general administration...	2,610.00	Miscellaneous expenses.....	409.34
Total estimate, 1914.....	10,460.00	Total expenditures, 1912.....	7,186.26
Total appropriation, 1913.....	9,186.00		
Increase.....	1,274.00		
Wenaha National Forest, 1914, \$10,060.		Wenaha National Forest, 1912, \$5,727.83. (Original subappropriation of \$9,805 decreased by transfer of \$4,077.17 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$5,700.00	Salaries.....	\$4,119.00
As follows:		As follows:	
6 assistant forest rangers, at \$1,100 each (6 months).		3 assistant forest rangers, at \$1,100 each.	
8 forest guards, at \$900 each (4 months).		8 forest guards, at \$900 each.	
Traveling expenses.....	700.00	2 forest guards, hunters, at \$720 each.	
Supplies and equipment.....	450.00	Traveling expenses.....	516.88
Miscellaneous expenses.....	700.00	Supplies and equipment.....	720.30
Assessment for general administration...	2,510.00	Miscellaneous expenses.....	371.65
Total estimate, 1914.....	10,060.00	Total expenditures, 1912.....	5,727.83
Total appropriation, 1913.....	7,441.00		
Increase.....	2,619.00		
Wenatchee National Forest, 1914, \$11,330.		Wenatchee National Forest, 1912, \$6,608.33. (Original subappropriation of \$11,478 decreased by transfer of \$4,869.67 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$6,600.00	Salaries.....	\$3,998.25
As follows:		As follows:	
1 forest assistant, at \$1,300.		1 forest assistant, at \$1,300.	
2 assistant forest rangers, at \$1,100 each (6 months).		4 assistant forest rangers, at \$1,100 each.	
14 forest guards, at \$900 each (4 months).		1 forest guard, \$1,200.	
Traveling expenses.....	1,100.00	4 forest guards, at \$1,100 each.	
Supplies and equipment.....	650.00	7 forest guards, at \$900 each.	
Miscellaneous expenses.....	900.00	3 forest guards, at \$12 each.	
Assessment for general administration...	2,080.00	Traveling expenses.....	1,133.53
Total estimate, 1914.....	11,330.00	Supplies and equipment.....	1,090.75
Total appropriation, 1913.....	8,188.00	Miscellaneous expenses.....	378.36
Increase.....	3,142.00	Total expenditures, 1912.....	6,600.89



Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>			
White River National Forest, 1914, \$10,267.		White River National Forest, 1912, \$8,643.50. (Original subappropriation of \$11,779 decreased by transfer of \$3,135.50 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$4,700.00	Salaries.....	\$4,137.33
As follows:		As follows:	
1 forest assistant, at \$1,500.		2 forest assistants, at \$1,200 each.	
1 forest agent, at \$900 (6 months).		3 assistant forest rangers, at \$1,100 each.	
2 assistant forest rangers, at \$1,100 each (6 months).		4 forest guards, at \$900 each.	
3 forest guards, at \$900 each (6 months).		5 field assistants, at \$600 each.	
1 forest guard, at \$900 (4 months).		1 field assistant, at \$720.	
Traveling expenses.....	1,000.00	Traveling expenses.....	1,177.92
Supplies and equipment.....	600.00	Supplies and equipment.....	2,647.75
Miscellaneous expenses.....	1,200.00	Miscellaneous expenses.....	418.15
Assessment for general administration....	2,767.00	Total expenditures, 1912.....	8,381.15
Total estimate, 1914.....	10,267.00		
Total appropriation, 1913.....	12,112.00		
Decrease.....	1,845.00		
Whitman National Forest, 1914, \$19,400.		Whitman National Forest, 1912, \$13,367.74. (Original subappropriation of \$17,521 decreased by transfer of \$4,153.26 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$6,700.00	Salaries.....	\$8,038.33
As follows:		As follows:	
1 forest assistant, at \$1,400.		3 forest assistants, at \$1,200 each.	
1 forest assistant, at \$1,200.		1 forest ranger, at \$1,300.	
2 assistant forest rangers, at \$1,100 each (6 months).		5 assistant forest rangers, at \$1,100 each.	
10 forest guards, at \$900 each (4 months).		11 forest guards, at \$900 each.	
Traveling expenses.....	1,800.00	16 field assistants, at \$600 each.	
Supplies and equipment.....	905.00	Traveling expenses.....	1,500.24
Miscellaneous expenses.....	5,895.00	Supplies and equipment.....	3,436.14
Assessment for general administration....	4,100.00	Miscellaneous expenses.....	370.61
Total estimate, 1914.....	19,400.00	Total expenditures, 1912.....	13,345.32
Total appropriation, 1913.....	16,489.00		
Increase.....	2,911.00		
Wichita National Forest, 1914, \$3,800.		Wichita National Forest, 1912, \$3,179.47. (Original subappropriation of \$11,978 decreased by transfer of \$8,598.53 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$750.00	Salaries.....	\$975.00
As follows:		As follows:	
1 agent, at \$300.		2 forest guards, at \$900 each.	
1 forest guard, at \$900 (6 months).		1 clerk, at \$2 per diem.	
Traveling expenses.....	250.00	Traveling expenses.....	575.68
Supplies and equipment.....	1,700.00	Supplies and equipment.....	1,087.00
Miscellaneous expenses.....	150.00	Miscellaneous expenses.....	307.88
Assessment for general administration....	950.00	Total expenditures, 1912.....	2,945.56
Total estimate, 1914.....	3,800.00		
Total appropriation, 1913.....	6,436.00		
Decrease.....	2,636.00		
Wyoming National Forest, 1914, \$7,170.		Wyoming National Forest, 1912, \$8,663. (Original subappropriation of \$9,438 decreased by transfer of \$775 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$3,500.00	Salaries.....	\$5,223.05
As follows:		As follows:	
1 forest assistant, at \$1,200.		1 forest assistant, at \$1,200.	
2 assistant forest rangers, at \$1,100 each (6 months).		2 assistant forest rangers, at \$1,100 each.	
4 forest guards, at \$900 each (4 months).		10 forest guards, at \$900 each.	
Traveling expenses.....	650.00	2 hunters, at \$900 each.	
Supplies and equipment.....	950.00	1 forest clerk, at \$900.	
Miscellaneous expenses.....	280.00	1 forest clerk, at \$1,100.	
Assessment for general administration....	1,790.00	Traveling expenses.....	722.33
Total estimate, 1914.....	7,170.00	Supplies and equipment.....	2,374.07
Total appropriation, 1913.....	9,995.00	Miscellaneous expenses.....	277.00
Decrease.....	2,825.00	Total expenditures, 1912.....	8,596.45

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>			
Zuni National Forest, 1914, \$3,734.			
ESTIMATED.			
Salaries.....	\$1,650.00		
As follows:			
1 forest assistant, at \$1,200.			
2 forest guards, at \$900 each (3 months).			
Traveling expenses.....	250.00		
Supplies and equipment.....	500.00		
Miscellaneous expenses.....	50.00		
Assessment for general administration.....	1,284.00		
Total estimate, 1914.....	3,734.00		
Total appropriation, 1913.....	3,734.00		
Additional national forests to be created, 1914, \$57,590.			
ESTIMATED.			
Salaries.....	\$25,000.00		
As follows:			
10 forest assistants, at \$1,200 each.			
10 forest guards, at \$800 each.			
50 temporary laborers, at \$100 each.			
Traveling expenses.....	10,000.00		
Supplies and equipment.....	4,000.00		
Miscellaneous expenses.....	11,000.00		
Assessment for general administration.....	7,590.00		
Total estimate, 1914.....	57,590.00		
Total appropriation, 1913.....	32,590.00		
Increase.....	25,000.00		
Agricultural land classification, 1914, \$100,000.			
(No distribution.)			
Total estimate, 1914.....	\$100,000.00		
Total appropriation, 1913.....	25,000.00		
Increase.....	75,000.00		
Fighting forest fires, 1914, \$150,000.			
ESTIMATED.			
The amount estimated will be employed as needed to pay the wages of temporary laborers in cases of emergencies and for supplies used in fighting forest fires, and to provide for other unforeseen contingencies in the administration of the national forests.			
Total estimate, 1914.....	\$150,000.00		
Total appropriation, 1913.....	150,000.00		
Maintenance and Supplies, 1914, \$168,000.			
ESTIMATED.			
Salaries.....	\$2,500.00		
As follows:			
(Temporary laborers as needed.)			
Traveling expenses.....	500.00		
Supplies and equipment.....	140,000.00		
Miscellaneous expenses.....	25,000.00		
Total estimate, 1914.....	168,000.00		
Total appropriation, 1913.....	155,000.00		
Increase.....	13,000.00		
Zuni National Forest, 1912, \$2,187.			
(Original subappropriation of \$5,287 decreased by transfer of \$3,100 to other subappropriations.)			
EXPENDED.			
Salaries.....	\$369.61		
As follows:			
3 forest guards, at \$900 each.			
1 forest clerk, at \$1,100.			
1 clerk, at \$3 per diem.			
Traveling expenses.....	536.23		
Supplies and equipment.....	829.59		
Miscellaneous expenses.....	25.58		
Total expenditures, 1912.....	1,761.01		
Additional national forests to be created, 1912.			
(No appropriation in 1912.)			
Agricultural land classification, 1912.			
(No appropriation in 1912.)			
Fighting forest fires, 1912, \$152,796.99.			
(Original subappropriation of \$150,000 increased by transfer of \$2,796.99 from other subappropriations.)			
EXPENDED.			
Traveling expenses.....	\$1,742.94		
Supplies and equipment.....	55,541.74		
Miscellaneous expenses.....	94,392.00		
Total expenditures, 1912.....	151,676.68		
Maintenance and supplies, 1912, \$205,974.19.			
(Original subappropriation of \$198,080 increased by transfer of \$7,894.19 from other subappropriations.)			
EXPENDED.			
Salaries.....	\$1,755.55		
As follows:			
1 compositor, at \$1,500.			
1 photographer, at \$1,600.			
1 photographer, at \$1,200.			
Traveling expenses.....	1,606.90		
Supplies and equipment.....	113,294.86		
Miscellaneous expenses.....	58,259.53		
Total expenditures, 1912.....	174,916.84		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>			
Forest products, 1914, \$170,000.		Forest products, 1912, \$175,735.27.	
(Original subappropriation of \$177,040 decreased by transfer of \$1,304.73 to other subappropriations.)			
ESTIMATED.	EXPENDED.		
Salaries..... \$110,000.00	Salaries..... \$110,160.57		
As follows:	As follows:		
1 director, at \$3,000.	1 director, at \$3,000.		
1 assistant director, at \$2,400.	1 assistant director, at \$2,400.		
4 assistant district foresters, at \$2,200 each.	4 assistant district foresters, at \$2,200 each.		
1 engineer, at \$2,200.	1 engineer, at \$2,200.		
1 engineer, at \$2,000.	1 engineer, at \$2,000.		
2 engineers, at \$1,900 each.	2 engineers, at \$1,900 each.		
3 engineers, at \$1,800 each.	3 engineers, at \$1,800 each.		
2 engineers, at \$1,700 each.	2 engineers, at \$1,700 each.		
1 chief, wood utilization, at \$2,200.	1 chief, wood utilization, at \$2,200.		
1 chief, maintenance, at \$1,800.	1 chief, maintenance, at \$1,800.		
1 chief, timber tests, at \$1,900.	1 chief, timber tests, at \$1,900.		
1 engineer, timber tests, at \$1,800.	1 engineer, timber tests, at \$1,800.		
1 engineer, timber tests, at \$1,500.	1 engineer, timber tests, at \$1,500.		
1 engineer, timber tests, at \$1,400.	1 engineer, timber tests, at \$1,400.		
1 engineer, timber tests, at \$1,300.	1 engineer, timber tests, at \$1,300.		
5 engineers, wood preservation, at \$1,500 each.	5 engineers, wood preservation, at \$1,500 each.		
1 chemist, at \$2,100.	1 chemist, at \$2,100.		
2 chemists, at \$1,800 each.	2 chemists, at \$1,800 each.		
3 chemists, at \$1,600 each.	3 chemists, at \$1,600 each.		
2 assistant chemists, at \$1,400 each.	2 assistant chemists, at \$1,400 each.		
5 assistant chemists, at \$1,200 each.	5 assistant chemists, at \$1,200 each.		
2 assistant chemical engineers, at \$1,500 each.	2 assistant chemical engineers, at \$1,500 each.		
1 expert, at \$2,000.	1 expert, at \$2,000.		
1 expert, at \$1,100.	1 expert, at \$1,100.		
1 expert, at \$1,000.	1 expert, at \$1,000.		
1 statistician, at \$1,600.	1 statistician, at \$1,600.		
3 statisticians, at \$1,500 each.	3 statisticians, at \$1,500 each.		
2 statisticians, at \$1,400 each.	2 statisticians, at \$1,400 each.		
1 statistician, at \$1,200.	1 statistician, at \$1,200.		
1 forest assistant, at \$1,700.	1 forest assistant, at \$1,700.		
2 forest assistants, at \$1,600 each.	2 forest assistants, at \$1,600 each.		
1 forest assistant, at \$1,200.	1 forest assistant, at \$1,200.		
3 assistant engineers, at \$1,400 each.	3 assistant engineers, at \$1,400 each.		
3 assistant engineers, at \$1,200 each.	3 assistant engineers, at \$1,200 each.		
1 assistant engineer, at \$1,100.	1 assistant engineer, at \$1,100.		
1 microscopist, at \$1,400.	1 microscopist, at \$1,400.		
1 xylotomist, at \$1,000.	1 xylotomist, at \$1,000.		
1 paper maker, at \$1,000.	1 paper maker, at \$1,000.		
1 forest agent, at \$1,200.	1 forest agent, at \$1,200.		
1 forest agent, at \$600.	1 forest agent, at \$600.		
1 laboratory assistant in timber tests, at \$800.	1 laboratory assistant in timber tests, at \$800.		
1 technical assistant, at \$66 per month.	1 technical assistant, at \$60 per month.		
2 carpenters, at \$1,000 each.	2 carpenters, at \$1,000 each.		
1 carpenter, at \$960.	1 carpenter, at \$960.		
1 photographer, at \$1,200.	1 photographer, at \$1,200.		
3 draftsmen, at \$60 per month each.	3 draftsmen, at \$60 per month each.		
1 laboratory assistant, at \$600.	1 laboratory assistant, at \$600.		
6 laboratory aids and engineers, at \$900 each.	6 laboratory aids and engineers, at \$900 each.		
1 clerk, at \$900.	1 clerk, at \$900.		
1 clerk, at \$800.	1 clerk, at \$800.		
3 clerks, at \$720 each.	3 clerks, at \$720 each.		
1 minor clerk, at \$600.	1 minor clerk, at \$600.		
1 skilled laborer, at \$65 per month.	11 skilled laborers, at \$65 per month each.		
1 unskilled laborer, at \$720.	1 unskilled laborer, at \$720.		
2 unskilled laborers, at \$600 each.	2 unskilled laborers, at \$600 each.		
1 unskilled laborer, at \$480.	1 unskilled laborer, at \$480.		
Traveling expenses..... 17,000.00	Traveling expenses..... 16,165.43		
Supplies and equipment..... 18,000.00	Supplies and equipment..... 25,944.48		
Miscellaneous expenses..... 14,000.00	Miscellaneous expenses..... 15,640.66		
Assessment for general administration... 15,000.00			
Total estimate, 1914..... 170,000.00	Total expenditures, 1912..... 167,911.14		
Total appropriation, 1913..... 170,000.00			
Activities:	Activities:		
Forest products laboratory..... 10,000.00	Forest products laboratory..... 10,000.00		
Wood utilization..... 17,000.00	Wood utilization..... 17,000.00		
Studies of sawmill and woodworking machinery..... 10,000.00	Studies of sawmill and woodworking machinery..... 10,000.00		
Timber tests..... 8,000.00	Timber tests..... 8,000.00		
Timber physics..... 6,000.00	Timber physics..... 6,000.00		
Wood preservation..... 20,000.00	Wood preservation..... 20,000.00		
Wood chemistry..... 10,000.00	Wood chemistry..... 10,000.00		
Wood distillation..... 8,000.00	Wood distillation..... 8,000.00		
Wood pulp investigations..... 11,000.00	Wood pulp investigations..... 11,000.00		
Forest products investigations..... 35,000.00	Forest products investigations..... 35,000.00		
Supplies and equipment..... 20,000.00	Supplies and equipment..... 20,000.00		
	Paper tests..... 12,911.14		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>			
National forest range investigations, 1914, \$25,820.		National forest range investigations, 1912, \$19,195. (Original subappropriation of \$18,420 increased by transfer of \$775 from other subappropriations).	
ESTIMATED.		EXPENDED.	
Salaries.....	\$21,620.00	Salaries.....	\$10,900.00
As follows:		As follows:	
1 assistant forester, at \$2,800.		1 inspector of grazing, at \$2,400.	
1 inspector of grazing, at \$2,700.		4 grazing examiners, at \$1,200 each.	
1 inspector of grazing, at \$2,500.		1 expert, at \$1,200.	
1 plant ecologist, at \$1,900.		1 plant ecologist, at \$1,900.	
1 plant ecologist, at \$1,400.		1 plant ecologist, at \$1,200.	
3 grazing examiners, at \$1,400 each.			
3 grazing examiners, at \$1,200 each.			
1 assistant botanist, at \$1,500.			
1 expert, at \$600.			
1 clerk, at \$420.			
Traveling expenses.....	4,000.00	Traveling expenses.....	4,051.93
Miscellaneous expenses.....	200.00	Supplies and equipment.....	2,286.39
		Miscellaneous expenses.....	25.71
Total estimate, 1914.....	25,820.00	Total expenditures, 1912.....	17,264.03
Total appropriation, 1913.....	20,180.00		
Increase.....	5,640.00		
Silviculture, national forests, 1914, \$165,640.		Silviculture, national forests, 1912, \$172,586.83. (Original subappropriation of \$166,640 increased by transfer of \$5,946.83 from other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$12,000.00	Salaries.....	\$10,441.80
As follows:		As follows:	
1 forest assistant, at \$1,500.		1 forest assistant, at \$1,500.	
5 forest assistants, at \$1,400 each.		3 forest assistants, at \$1,400 each.	
2 forest assistants, at \$1,300 each.		2 forest assistants, at \$1,300 each.	
10 forest assistants, at \$1,200 each.		8 forest assistants, at \$1,200 each.	
24 assistant forest rangers, at \$1,100 each.		1 assistant forest ranger, at \$900.	
30 forest guards, at \$900 each.		22 assistant forest rangers, at \$1,100 each.	
3 field assistants, at \$600 each.		1 forest guard, at \$2.50 per diem.	
1 surveyor, at \$1,200.		2 forest guards, at \$720 each.	
1 planting assistant, at \$1,300.		25 forest guards, at \$900 each.	
1 expert, at \$1,500.		2 forest guards, at \$1,100 each.	
		1 field assistant, at \$600.	
Traveling expenses.....	8,000.00	1 surveyor, at \$1,200.	
Supplies and equipment.....	140,000.00	1 timber planting assistant, at \$1,300.	
Miscellaneous expenses.....	5,640.00	2 forest planting assistants, at \$1,400 each.	
Total estimate, 1914.....	165,640.00	1 deputy forest ranger, at \$1,100.	
Total appropriation, 1913.....	165,640.00	1 expert, at \$1,500.	
Activities:		1 unskilled laborer, at \$540.	
Field planting.....	108,000.00	Traveling expenses.....	7,324.42
Nurseries.....	57,640.00	Supplies and equipment.....	141,575.49
Total.....	165,640.00	Miscellaneous expenses.....	8,562.88
		Total expenditures, 1912.....	167,904.59
Management of forests, 1914, \$83,728.		Activities:	
		Field planting.....	108,264.58
		Nurseries.....	59,640.01
		Total.....	167,904.59
		Management of forests, 1912, \$73,149.29. (Original subappropriation of \$84,528 decreased by transfer of \$11,378.71 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$55,800.00	Salaries.....	\$44,666.27
As follows:		As follows:	
1 forest examiner, at \$2,000.		1 forest assistant, at \$2,000.	
1 forest assistant, at \$1,600.		1 forest assistant, at \$1,600.	
2 forest assistants, at \$1,800 each.		1 forest assistant, at \$1,500.	
1 forest assistant, at \$1,600.		2 forest assistants, at \$1,400 each.	
1 forest assistant, at \$1,500.		3 forest assistants, at \$1,300 each.	
2 forest assistants, at \$1,400 each.		11 forest assistants, at \$1,200 each.	
6 forest assistants, at \$1,200 each.		2 assistant forest rangers, at \$1,100 each.	
1 forest examiner, at \$2,000.		5 forest guards, at \$900 each.	
1 forest examiner, at \$1,900.		1 forest guard, at \$720.	
1 field assistant, at \$720.		3 field assistants, at \$600 each.	
1 field assistant, at \$600.		1 forest agent, at \$900.	
1 forest ranger, at \$1,100.		1 forest agent, at \$720.	
2 forest guards, at \$900 each.		2 forest clerks, at \$1,100 each.	
1 laborer, at \$600.		1 forest clerk, at \$780.	
1 laborer, at \$480.		1 computer, at \$1,200.	
1 assistant forester, at \$3,000.		1 collaborator, at \$300.	
1 forest assistant, at \$2,000.		1 forest examiner, at \$2,000.	
1 expert, at \$1,400.		1 forest examiner, at \$6 per diem.	
1 xylotomist, at \$1,000.		1 forest examiner, at \$5 per diem.	
1 scientific assistant, at \$1,200.		1 expert, at \$1,400.	
1 chief of office, at \$2,500.		1 expert, at \$7 per diem.	
1 assistant chief of office, at \$2,000.		1 clerk, at \$1,200.	
1 forest assistant, at \$2,000.			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>			
1 forest assistant, at \$1,600. 2 forest assistants, at \$1,500 each. 1 forest examiner, at \$2,000. 1 forest examiner, at \$600. 1 scientific assistant, at \$1,500. 1 translator, at \$1,200. 1 chief of office, at \$2,200. Collaborators, \$100.		3 clerks, at \$780 each. 1 assistant forester, at \$3,000. 1 chief, office of silvics, at \$2,500. 1 chief, state and private cooperations, at \$2,200. 1 assistant chief, office of silvics, at \$2,200. 1 assistant horticulturist, at \$1,980. 1 scientific assistant, basket willow culture, at \$1,400. 1 scientific assistant, horticulture, at \$1,200. 1 scientific assistant, forest distribution, at \$1,200. 1 xylomologist, at \$1,300. 1 xylomologist, at \$1,000.	
Traveling expenses.....	\$19,650.00	Traveling expenses.....	\$10,887.78
Supplies and equipment.....	2,750.00	Supplies and equipment.....	15,821.60
Miscellaneous expenses.....	5,528.00	Miscellaneous expenses.....	987.47
Total estimate, 1914.....	83,728.00	Total expenditures, 1912.....	72,363.12
Total appropriation, 1913.....	83,728.00		
Activities:		Activities:	
Eastern forest studies.....	4,600.00	Eastern forest studies.....	4,370.62
Western forest studies.....	35,500.00	Western forest studies.....	30,310.93
Dendrology.....	11,450.00	Dendrology.....	9,642.32
Silvical investigations.....	29,078.00	Silvical investigations.....	24,144.29
State cooperation.....	3,100.00	State cooperation.....	3,894.96
Total.....	83,728.00	Total.....	72,363.12
Market and miscellaneous investigations, 1914, \$40,160.		Market and miscellaneous investigations, 1912, \$29,302.63.	
		(Original subappropriation of \$33,760 decreased by transfer of \$1,457.37 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$25,000.00	Salaries.....	\$20,809.72
As follows:		As follows:	
1 expert and editor, at \$3,000.		1 forest assistant, at \$2,000.	
1 geographer, at \$2,700.		1 forest assistant, at \$1,900.	
1 forest expert, at \$1,800.		1 forest assistant, at \$1,400.	
1 forest examiner, at \$1,700.		2 map colorists, at \$720 each.	
1 forest agent, at \$1,600.		1 draftsman, at \$840.	
1 forest assistant, at \$2,000.		1 negative cutter, at \$1,200.	
1 forest assistant, at \$1,900.		1 artist, at \$1,200.	
1 forest assistant, at \$1,400.		1 assistant botanist, at \$1,500.	
2 map colorists, at \$720 each.		1 expert, at \$1,500.	
1 draftsman, at \$840.		1 expert, at \$1,200.	
1 negative cutter, at \$1,200.		1 agent, at \$1,500.	
1 artist, at \$1,200.		1 expert and editor, at \$3,000.	
1 assistant botanist, at \$1,500.		1 geographer, at \$2,700.	
1 expert, at \$1,500.		1 forest expert, at \$1,800.	
1 expert, at \$1,200.		1 forest examiner, at \$1,700.	
1 agent, at \$1,500.		1 forest agent, at \$1,600.	
Traveling expenses.....	2,500.00	Traveling expenses.....	930.69
Supplies and equipment.....	8,000.00	Supplies and equipment.....	4,121.85
Miscellaneous expenses.....	4,660.00		
Total estimate, 1914.....	40,160.00	Total expenditures, 1912.....	25,862.26
Total appropriations, 1913.....	31,360.00		
Increase.....	8,800.00		
Improvement of the national forests, 1914, \$400,000.		Improvement of the national forests, 1912, \$500,000.	
		(In 1912 this was a separate appropriation.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$12,000.00	Salaries.....	\$13,566.52
(Part time of forest officers detailed to improvement work from time to time.)		(Part time of forest officers detailed to improvement work from time to time.)	
Traveling expenses.....	5,000.00	Traveling expenses.....	5,926.39
Supplies and equipment.....	358,000.00	Supplies and equipment.....	448,238.51
Miscellaneous expenses.....	25,000.00	Miscellaneous expenses.....	27,304.55
Total estimate, 1914.....	400,000.00	Total expenditures, 1912.....	495,035.97
Total appropriation, 1913.....	400,000.00		
General administration, 1914, \$473,671. ¹		General administration, 1912, \$398,917.95. ¹	
ESTIMATED.		EXPENDED.	
Salaries.....	\$254,330.00	Salaries.....	\$218,747.98
As follows:		As follows:	
1 associate forester, at \$4,000.		1 associate forester, at \$4,000.	
1 assistant forester, at \$3,750.		1 assistant forester, at \$3,500.	
1 assistant forester, at \$3,500.		1 assistant forester, at \$3,250.	
1 assistant forester, at \$3,250.		1 assistant forester, at \$3,000.	
1 assistant forester, at \$2,800.		1 assistant forester, at \$2,800.	
2 district foresters, at \$2,800 each.		2 district foresters, at \$2,800 each.	
1 district forester, at \$2,700.		1 district forester, at \$2,700.	
1 district forester, at \$2,600.		1 district forester, at \$2,600.	
2 district foresters, at \$2,500 each.		2 district foresters, at \$2,500 each.	

¹ Not to exceed 15 percentum of the total of all sums appropriated under "General expenses, Forest Service," may be used in the discretion of the Secretary of Agriculture as provided above under general expenses for Forest Service for all expenses necessary for the general administration of the Forest Service. (Provision included in estimates for 1914; similar provisions in agricultural acts for 1912 and 1913.)

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>		
1 assistant district forester, at \$2,300. 20 assistant district foresters, at \$2,200 each. 2 assistant district foresters, at \$2,100 each. 4 assistant district foresters, at \$2,000 each. 1 lumberman, at \$3,500. 1 lumberman, at \$3,000. 1 lumberman, at \$2,100. 1 lumberman, at \$2,000. 10 lumbermen, at \$1,800 each. 1 lumberman, at \$1,700. 1 lumberman, at \$1,400. 3 scalers, at \$1,400 each. 6 mineral examiners, at \$1,800 each. 1 mineral examiner, at \$750. 1 mineral examiner, at \$480. 1 hydroelectrical engineer, at \$3,000. 2 hydroelectrical engineers, at \$2,400 each. 1 hydroelectrical engineer, at \$2,200. 1 hydroelectrical engineer, at \$2,100. 1 district engineer, at \$2,600. 1 district engineer, at \$2,400. 1 district engineer, at \$2,200. 1 assistant district engineer, at \$1,000. 1 general inspector, at \$2,500. 1 forest inspector, at \$2,500. 1 inspector, at \$2,500. 1 inspector of grazing, at \$2,700. 1 superintendent of telephone construction, at \$1,000. 1 superintendent of telephone construction, at \$1,500. 1 chief of claims, at \$2,750. 4 claims examiners, at \$1,500 each. 2 claims examiners, at \$1,200 each. 1 statistician, at \$2,000. 4 forest assistants, at \$1,800 each. 1 forest assistant, at \$1,700. 1 forest assistant, at \$1,600. 3 forest assistants, at \$1,500 each. 1 forest assistant, at \$1,400. 4 forest assistants, at \$1,200 each. 2 forest examiners, at \$2,200 each. 4 forest examiners, at \$2,000 each. 6 forest examiners, at \$1,800 each. 3 forest examiners, at \$1,700 each. 2 forest examiners, at \$1,500 each. 1 forest examiner, at \$1,200. 1 forest examiner, at \$750. 1 forest expert, at \$3,000. 1 forest expert, at \$1,400. 1 clerk, at \$1,600. 2 clerks, at \$1,400 each. 3 clerks, at \$1,200 each. 1 clerk, at \$1,100. 3 clerks, at \$900 each. 1 clerk, at \$840. 1 clerk, at \$700. 1 clerk, at \$200. 1 messenger boy, at \$360.	1 assistant district forester, at \$2,300. 21 assistant district foresters, at \$2,200 each. 3 assistant district foresters, at \$2,100 each. 1 assistant district forester, at \$6.50 per diem. 4 assistant district foresters, at \$2,000 each. 2 assistant district foresters, at \$1,800 each. 1 lumberman, at \$3,250. 1 lumberman, at \$2,100. 1 lumberman, at \$2,000. 5 lumbermen, at \$1,800 each. 1 scaler, at \$1,800. 2 scalers, at \$1,400 each. 4 timber cruisers, at \$5 per diem each. 10 timber cruisers, at \$2.50 per diem each. 5 mineral examiners, at \$1,800 each. 2 mineral experts, at \$1,800 each. 1 mineral expert, at \$1,400. 1 expert miner, at \$1,400. 1 hydroelectrical engineer, at \$3,000. 2 hydroelectrical engineers, at \$2,400 each. 3 hydroelectrical engineers, at \$1,200 each. 1 hydraulic engineer, at \$1,200. 1 district engineer, at \$2,000. 1 district engineer, at \$2,400. 3 junior engineers, at \$1,200 each. 1 construction engineer, at \$2,100. 1 forest inspector, at \$2,700. 5 forest inspectors, at \$2,500 each. 1 forest supervisor, at \$2,000. 1 forest supervisor, at \$1,700. 1 chief of claims, at \$2,750. 1 mineral claims examiner, at \$1,700. 1 examiner of accounts, at \$1,800. 1 forest assistant, at \$2,000. 3 forest assistants, at \$1,800 each. 1 forest assistant, at \$1,700. 1 forest assistant, at \$1,600. 3 forest assistants, at \$1,500 each. 2 forest assistants, at \$1,300 each. 13 forest assistants, at \$1,200 each. 1 forest ranger, at \$1,500. 2 forest rangers, at \$1,300 each. 1 assistant forest ranger, at \$1,100. 2 forest examiners, at \$2,200 each. 3 forest examiners, at \$2,000 each. 3 forest examiners, at \$1,800 each. 1 forest examiner, at \$1,400. 1 forest examiner, at \$1,500. 1 forest examiner, at \$1,200. 1 land expert, at \$1,800. 1 forest agent, at \$1,400. 1 agent, at \$1,200. 6 field assistants, at \$600 each. 2 collaborators, at \$12 each. 2 experts, at \$2,200 each. 3 experts, at \$2,000 each. 2 experts, at \$1,800 each. 1 expert, at \$1,500. 1 expert, at \$1,200. 2 forest experts, at \$12 each. 1 forest expert, at \$11 per diem. 1 forest expert, at \$8 per diem. 1 laboratory helper, at \$80 per month. 1 clerk, at \$1,800. 1 clerk, at \$1,700. 4 clerks, at \$1,400 each. 6 clerks, at \$1,200 each. 11 clerks, at \$1,100 each. 3 clerks, at \$1,000 each. 18 clerks, at \$900 each. 1 clerk, at \$840. 4 clerks, at \$720 each. 1 assistant topographer, at \$1,500. 1 library assistant, at \$1,200. 1 map colorist, at \$900. 1 draftsman, at \$900. 1 messenger, at \$600. 2 messenger boys, at \$360 each. 2 telephone operators, at \$420 each. 1 unskilled laborer, at \$300. 1 laborer, at \$40 per month.	
Traveling expenses.....	Traveling expenses.....	\$88,316.52
Miscellaneous expenses.....	Supplies and equipment.....	16,261.74
Total estimate, 1914.....	Miscellaneous expenses.....	69,075.81
..... 473,671.00	Total expenditures, 1912.....	392,402.05

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Forest Service—Continued.</i>		
Not to exceed fifteen per centum of the total of all sums appropriated under "General expenses, Forest Service," may be used in the discretion of the Secretary of Agriculture as provided above under general expenses for Forest Service for all expenses necessary for the general administration of the Forest Service.		
<i>That hereafter the Secretary of Agriculture is authorized to reimburse owners of horses, vehicles, and other equipment lost, damaged, or destroyed while being used for necessary fire fighting, trail, or official business, such reimbursement to be made from any available funds in the appropriation to which the hire of such equipment is properly chargeable.</i>		
NOTE.—It is extremely desirable that the above provision be enacted into law. In fighting forest fires the Forest Service depends very largely upon being able to hire horses and conveyances which may be necessary for the transportation of men and supplies. It often happens that owing to the hazardous nature of this work and the danger of injury to horses, vehicles, or other equipment, the owners of such equipment decline to furnish it in the absence of any guarantee of return in good condition, and great difficulty is experienced in securing the necessary means of transportation at times when it is most needed for the protection of the national forests.		
<i>That hereafter the employees of the Forest Service engaged in office work in cities or towns outside of the District of Columbia, or in forest supervisors' offices, or who are assigned to permanent duty in Alaska, may, in the discretion of the Secretary of Agriculture, without additional expense to the Government, be granted leave of absence not to exceed thirty days in any one year, which leave may, in exceptional and meritorious cases where such an employee is ill, be extended, in the discretion of the Secretary of Agriculture, not to exceed thirty days additional in any one year.</i>		
NOTE.—Since the establishment of the six district offices in the West and the laboratory at Madison, it has been found that the restriction in leave of absence to 15 days has worked considerable hardship upon the employees doing clerical and office work. In a very large number of cases the employees were transferred from the Washington office and they are frequently transferred from one district to another to meet the administrative needs of the service. This results in the majority of employees being stationed at points distant from their homes which they usually desire to visit during their vacations, and in order to do this and get the needed amount of rest with only 15 days' leave it is almost universally necessary for the employees to take an additional 15 days' leave without pay. On this account it is often difficult to properly fill vacancies by transfer for the reason that the employees best qualified for the position decline to make the change because of the 15-day restriction in leave of absence. In the case of employees on the Alaskan forests the 15-day period of leave also works a great hardship, as it is impossible for a person employed in Alaska to visit his home and return to work within the time allowed.		
NOTE.—Salaries of forest examiners, expert, lumberman, assistants, geologists, engineers, etc., carried on the lump funds named below on Aug. 1, 1912:		
ACQUISITION OF LANDS FOR PROTECTION OF WATERSHEDS OF NAVIGABLE STREAMS.		
FOREST SERVICE.		
Out of Washington: 1 expert..... \$2,000 1 lumberman..... 2,300 3 forest assistants, at \$1,400 each..... 4,200 20 forest assistants, at \$1,200 each..... 24,000 5 forest assistants, at \$1,000 each (3 months)..... 1,250 2 forest examiners, at \$2,000 each..... 4,000 2 forest examiners, at \$1,500 each..... 3,000 1 forest examiner..... 1,300 1 forest examiner..... 1,200 1 forest examiner..... 1,100 1 field examiner..... 900 3 field examiners, at \$800 each..... 2,400 1 field examiner..... 600 2 examiners of survey, at \$1,500 each..... 3,000 4 examiners of survey, at \$1,400 each..... 5,600 2 examiners of survey, at \$1,200 each..... 2,400 1 timber estimator..... 1,800 3 field assistants, at \$900 each (6 months)..... 1,350 11 field assistants, at \$600 each (6 months)..... 3,300 1 field assistant, at \$420 (6 months)..... 210 1 field assistant, at \$360 (6 months)..... 180 Total..... 66,090		
OFFICE OF THE SOLICITOR.		
1 law clerk..... \$2,000 3 record examiners, at \$1,680 each..... 5,040 3 record examiners, at \$1,500 each..... 4,500 1 typewriter..... 840 4 typewriters, at \$3.50 per diem each..... 4,200 Total..... 16,580		
GEOLOGICAL SURVEY.		
1 associate geologist..... \$2,160 1 associate geologist..... 1,980 1 assistant engineer..... 1,980 1 junior engineer..... 1,200 1 junior engineer..... 1,080 Total..... 8,400		
COOPERATIVE FIRE PROTECTION OF FORESTED WATERSHEDS OF NAVIGABLE STREAMS.		
FOREST SERVICE.		
11 collaborators, at \$12 each..... \$132		
Total for Forest Service, including statutory salaries.....	\$5,441,749.00	\$5,343,045.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
BUREAU OF CHEMISTRY.		
<i>Salaries, Bureau of Chemistry—</i>		
One chemist, who shall be chief of bureau (increase of \$1,000 submitted) (R. S. , p. 87, secs. 522, 523; act Aug. 10, 1912, vol. 37, p. 288, sec. 1).....	\$6,000.00	
One chief clerk (same acts).....	2,000.00	
One supervising clerk (by transfer from lump fund for food and drugs) (same acts).....	2,500.00	
One executive clerk (same acts).....	2,000.00	
Seven clerks, class 4, (increase of 2 submitted) (same acts)	12,600.00	
Nine clerks, class 3, (increase of 2 submitted) (same acts).....	14,400.00	
One clerk (same acts).....	1,440.00	
Twelve clerks, class 2 (same acts).....	16,800.00	
One clerk (same acts).....	1,300.00	
Eighteen clerks, class 1 (same acts).....	21,600.00	
Thirteen clerks, at \$1,020 each (same acts).....	13,260.00	
Eleven clerks, at \$1,000 each (same acts).....	11,000.00	
Twenty-two clerks, at \$900 each (increase of 4, 3 by transfer from lump fund for food and drugs, and 1 in lieu of 1 assistant property custodian, at \$900) (same acts)	19,800.00	
One clerk (same acts).....	840.00	
NOTE.—One assistant property custodian, at \$900, omitted as above.		
One chief food and drug inspector (same acts).....	3,000.00	
One food and drug inspector (same acts)	2,250.00	
Thirteen food and drug inspectors, at \$2,000 each (increase of 4 in lieu of 4 food and drug inspectors, at \$1,400 each, and increase of \$600 in each case) (same acts)	26,000.00	
Thirteen food and drug inspectors, at \$1,800 each (same acts).....	23,400.00	
One food and drug inspector (same acts).....	1,620.00	
Eleven food and drug inspectors, at \$1,600 each (same acts).....	17,600.00	
Four food and drug inspectors, at \$1,400 each (decrease of 4, as above) (same acts).....	5,600.00	
Four laboratory helpers, at \$1,200 each (increase of 2 submitted) (same acts).....	4,800.00	
One laboratory helper (same acts).....	1,020.00	
Four laboratory helpers, at \$1,000 each (same acts).....	4,000.00	
Four laboratory helpers, at \$960 each (same acts).....	3,840.00	
Two laboratory helpers, at \$900 each (same acts).....	1,800.00	
Six laboratory helpers, at \$840 each (same acts).....	5,040.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>Salaries, Bureau of Chemistry—Continued.</i>		
Twenty laboratory helpers, messengers, or laborers, at \$720 each (R. S., p. 87, secs. 522, 523; act Aug. 10, 1912, vol. 37, p. 288, sec. 1).....	\$14,400.00	
Two laboratory helpers, messengers, or laborers, at \$660 each (same acts).....	1,320.00	
Twenty-six laboratory helpers, messenger[s] boys, or laborers, at \$600 each (increase of 2 and change of title submitted) (same acts).....	15,600.00	
One laboratory assistant (same acts).....	1,200.00	
One tool maker (same acts).....	1,200.00	
One sampler (by transfer from lump fund for food and drugs) (same acts).....	1,200.00	
One janitor (same acts).....	1,020.00	
One student assistant (same acts).....	300.00	
Two messengers, at \$840 each (same acts).....	1,680.00	
One skilled laborer (same acts).....	1,050.00	
One skilled laborer (same acts).....	840.00	
Two messenger boys or laborers, at \$540 each (same acts).....	1,080.00	
Eight messenger boys or laborers, at \$480 each (same acts).....	3,840.00	
Three messenger boys or laborers, at \$420 each (same acts).....	1,260.00	
One messenger boy or laborer (same acts).....	360.00	
Six charwomen, at \$240 each (same acts).....	1,440.00	
	\$274,860.00	\$254,660.00

Appropriations for 1904.....	\$14,800	Estimates for 1905.....	\$14,800
Appropriations for 1905.....	14,800	Estimates for 1906.....	23,300
Appropriations for 1906.....	24,080	Estimates for 1907.....	29,060
Appropriations for 1907.....	28,260	Estimates for 1908.....	41,800
Appropriations for 1908.....	47,920	Estimates for 1909.....	66,720
Appropriations for 1909.....	66,720	Estimates for 1910.....	83,240
Appropriations for 1910.....	75,560	Estimates for 1911.....	79,360
Appropriations for 1911.....	79,360	Estimates for 1912.....	242,190
Appropriations for 1912.....	242,190	Estimates for 1913.....	262,940
Appropriations for 1913.....	254,660	Estimates for 1914.....	274,860

NOTE.—Apparent increase \$20,200; actual increase \$13,800, as follows:

PROMOTION.	
1 chief of bureau, \$5,000 to \$6,000.....	\$1,000
NEW PLACES.	
2 clerks, class 4.....	3,600
2 clerks, class 3.....	3,200
4 food and drug inspectors, at \$2,000 each.....	8,000
2 laboratory helpers, at \$1,200 each.....	2,400
2 laboratory helpers, messenger boys, or laborers, at \$600 each.....	1,200
	\$19,400
PLACES OMITTED.	
4 food and drug inspectors, at \$1,400 each.....	5,600
Actual increase.....	13,800
TRANSFERS FROM LUMP FUND FOR FOOD AND DRUGS, WHICH FUND HAS BEEN REDUCED ACCORDINGLY.	
1 supervising clerk.....	2,500
3 clerks, at \$900 each.....	2,700
1 sampler.....	1,200
	6,400
Apparent increase.....	20,200

CHANGES OF TITLE.

1 assistant custodian of property at \$900 changed to 1 clerk at same salary.
 24 laboratory helpers, messengers, or laborers, at \$600 each, changed to 24 laboratory helpers, messenger boys, or laborers at same salary.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.	
<i>General Expenses, Bureau of Chemistry—</i>			
[For necessary expenses in conducting the investigations contemplated by the act of May fifteenth, eighteen hundred and sixty-two, relating to the application of chemistry to agriculture, and to continue collaboration with other departments of the Government desiring chemical investigations and whose heads request the Secretary of Agriculture for such assistance, and for other miscellaneous work, as follows:]			
<i>For all necessary expenses, for chemical apparatus, chemicals and supplies, repairs to apparatus, gas, electric current, official traveling expenses, telegraph and telephone service, express and freight charges, for the employment of such assistants, clerks, and other persons as the Secretary of Agriculture may consider necessary for the purposes named, in the city of Washington and elsewhere, in conducting investigations, collating and reporting the results of such investigations, and for rent outside of the District of Columbia, for carrying out the investigations and work herein authorized, as follows:</i>			
[For chemical apparatus, chemicals and supplies, repairs to apparatus, gas, electric current, official traveling expenses, telegraph and telephone service, express and freight charges, thirty thousand dollars:]			
<i>For conducting the investigations contemplated by the act of May fifteenth, eighteen hundred and sixty-two, relating to the application of chemistry to agriculture, seventy thousand dollars.....</i>	\$70,000.00		
[For the employment of such assistants, clerks, and other persons as the Secretary of Agriculture may consider necessary for the purposes named, in the city of Washington and elsewhere, in conducting investigations, collating and reporting the results of such investigations, and for the rent of buildings outside of the District of Columbia, fifty-five thousand dollars:]			
<i>For collaboration with other departments of the Government desiring chemical investigations and whose heads request the Secretary of Agriculture for such assistance, and for other miscellaneous work, forty thousand dollars.....</i>	40,000.00		
<i>For investigating the character of the chemical and physical tests which are applied to American food products in foreign countries, and for inspecting the same before shipment when desired by the shippers or owners of these products intended for countries where chemical and physical tests are required before the said products are allowed to be sold therein, and for all necessary expenses in connection with such inspection and studies of methods of analysis in foreign countries, four thousand two hundred and eighty dollars.....</i>	4,280.00		
<i>In all, for general expenses, [eighty-nine thousand two hundred and eighty dollars.] one hundred and fourteen thousand two hundred and eighty dollars (R. S., p. 87, sec. 520; act Aug. 10, 1912, vol. 37, p. 289, sec. 1)</i>	\$114,280.00	\$89,280.00	
Appropriations for 1904.....	\$70,500	Estimates for 1905.....	\$148,700
Appropriations for 1905.....	135,000	Estimates for 1906.....	170,000
Appropriations for 1906.....	130,920	Estimates for 1907.....	162,980
Appropriations for 1907.....	145,920	Estimates for 1908.....	2 145,920
Appropriations for 1908.....	150,000	Estimates for 1909.....	2 150,000
Appropriations for 1909.....	160,000	Estimates for 1910.....	2 208,890
Deficiency act.....	100,000		
Appropriations for 1910.....	1 117,540	Estimates for 1911.....	2 114,000
Appropriations for 1911.....	1 114,000	Estimates for 1912.....	111,480
Appropriations for 1912.....	111,480	Estimates for 1913.....	101,280
Appropriations for 1913.....	89,280	Estimates for 1914.....	114,280
1 Exclusive of amount provided under caption "General expenses" for enforcement of the food and drugs act.			
2 Exclusive of amount asked for under caption "General expenses" for enforcement of the food and drugs act.			

NOTE 1.—There is an increase of \$25,000 in the above appropriation. A change of language is also submitted in paragraphs 1, 2, and 3, so as to appropriate a specific amount for each of the two classes of work authorized therein. This change makes the appropriation entirely by lines of work or activities and will facilitate the accounting work. Of this amount \$15,000 is submitted for agricultural chemistry and investigations, as the pressing problems of effect of environment on the growth and composition of farm products require additional investigation and experiments, and \$10,000 is submitted for collaborative work with other departments, in order to adequately handle the investigations and testing of paper and other contract supplies for the Post-Office Department, the Government Printing Office, the Isthmian Canal Commission, and other departments.

NOTE 2.—Salaries of chiefs of laboratories, assistant chemists, scientific assistants, laboratory assistants, etc., carried on the lump funds named below on Aug. 1, 1912:

GENERAL EXPENSES, BUREAU OF CHEMISTRY.																									
LABORATORY, SALARIES AND RENT.																									
<i>In Washington:</i>																									
<table border="0"> <tr><td>1 chief of division.....</td><td align="right">\$3,000</td></tr> <tr><td>2 chiefs of laboratories, at \$3,000 each.....</td><td align="right">6,000</td></tr> <tr><td>1 assistant chemist.....</td><td align="right">2,520</td></tr> <tr><td>3 assistant chemists, at \$2,040 each.....</td><td align="right">6,120</td></tr> <tr><td>1 assistant chemist.....</td><td align="right">2,000</td></tr> <tr><td>1 assistant chemist.....</td><td align="right">1,800</td></tr> <tr><td>8 assistant chemists, at \$1,620 each.....</td><td align="right">12,960</td></tr> <tr><td>6 assistant chemists, at \$1,440 each.....</td><td align="right">8,640</td></tr> <tr><td>1 scientific assistant.....</td><td align="right">2,280</td></tr> <tr><td>1 scientific assistant.....</td><td align="right">1,620</td></tr> <tr><td>1 laboratory assistant.....</td><td align="right">2,200</td></tr> <tr><td>Total.....</td><td align="right">49,140</td></tr> </table>	1 chief of division.....	\$3,000	2 chiefs of laboratories, at \$3,000 each.....	6,000	1 assistant chemist.....	2,520	3 assistant chemists, at \$2,040 each.....	6,120	1 assistant chemist.....	2,000	1 assistant chemist.....	1,800	8 assistant chemists, at \$1,620 each.....	12,960	6 assistant chemists, at \$1,440 each.....	8,640	1 scientific assistant.....	2,280	1 scientific assistant.....	1,620	1 laboratory assistant.....	2,200	Total.....	49,140	
1 chief of division.....	\$3,000																								
2 chiefs of laboratories, at \$3,000 each.....	6,000																								
1 assistant chemist.....	2,520																								
3 assistant chemists, at \$2,040 each.....	6,120																								
1 assistant chemist.....	2,000																								
1 assistant chemist.....	1,800																								
8 assistant chemists, at \$1,620 each.....	12,960																								
6 assistant chemists, at \$1,440 each.....	8,640																								
1 scientific assistant.....	2,280																								
1 scientific assistant.....	1,620																								
1 laboratory assistant.....	2,200																								
Total.....	49,140																								
<i>Out of Washington:</i>																									
<table border="0"> <tr><td>1 assistant chemist.....</td><td align="right">1,440</td></tr> <tr><td>1 collaborator.....</td><td align="right">300</td></tr> <tr><td>Total.....</td><td align="right">1,740</td></tr> </table>	1 assistant chemist.....	1,440	1 collaborator.....	300	Total.....	1,740																			
1 assistant chemist.....	1,440																								
1 collaborator.....	300																								
Total.....	1,740																								
LABORATORY, AMERICAN FOOD PRODUCTS.																									
<table border="0"> <tr><td>1 assistant chemist.....</td><td align="right">2,040</td></tr> <tr><td>2 assistant chemists, at \$1,440 each.....</td><td align="right">2,880</td></tr> <tr><td>Total.....</td><td align="right">4,920</td></tr> </table>	1 assistant chemist.....	2,040	2 assistant chemists, at \$1,440 each.....	2,880	Total.....	4,920																			
1 assistant chemist.....	2,040																								
2 assistant chemists, at \$1,440 each.....	2,880																								
Total.....	4,920																								

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
Enforcement of the Food and Drugs Act— For enabling the Secretary of Agriculture to carry into effect the provisions of the act of June thirtieth, nineteen hundred and six, entitled "An act for preventing the manufacture, sale, or transportation of adulterated, or misbranded, or poisonous, or deleterious foods, drugs, medicines, and liquors, and for regulating traffic therein, and for other purposes," in the city of Washington and elsewhere, including chemical apparatus, chemicals and supplies, repairs to apparatus, gas, electric current, official traveling expenses, telegraph and telephone service, express and freight charges, and all other expenses, employing such assistants, clerks, and other persons as may be considered necessary for the purposes named, and rent outside of the District of Columbia, [six hundred and twenty-five thousand dollars.] <i>seven hundred and forty-three thousand six hundred dollars (acts June 30, 1906, vol. 34, pp. 768-772, sec. 1; Aug. 10, 1912, vol. 37, p. 289, sec. 1).</i>	\$743, 600.00	\$625, 000.00

Appropriations for 1907.....	\$250,000	Estimates for 1908.....	2 \$750,000
Appropriations for 1908.....	500,000	Estimates for 1909.....	2 600,000
Appropriations for 1909.....	600,000	Estimates for 1910.....	2 707,870
Appropriations for 1910.....	687,460	Estimates for 1911.....	2 677,340
Deficiency act.....	50,000		
Appropriations for 1911.....	702,340	Estimates for 1912.....	610,110
Appropriations for 1912.....	610,110	Estimates for 1913.....	650,000
Appropriations for 1913.....	625,000	Estimates for 1914.....	743,600

¹ Actually appropriated as a portion of "General expenses, Bureau of Chemistry."

² Actually included in estimates for "General expenses, Bureau of Chemistry."

NOTE 1.—There is an apparent increase in the above appropriation of \$118,600, but adding the saving in salaries of 1 supervising clerk, \$2,500, 3 clerks, at \$900 each, and 1 sampler, \$1,200, amounting to \$6,400, transferred to the statutory roll, the actual increase is \$125,000. An increase in the force of a number of the branch laboratories throughout the country is urgently needed. New problems in connection with the commerce in foods and drugs are constantly pressing for solution. It is necessary to take up constructive field work for the purpose of helping manufacturers solve problems which interfere with their compliance with the food and drugs act. Such investigations not only give information necessary for the enforcement of the act, but also point out to the manufacturers the practicability of their complying with the act and the steps which are necessary for them to take. This leads to material progress in the manufacture of foods to the advantage of all concerned.

NOTE 2.—Salaries of chiefs of laboratories, chemists, scientific assistants, bacteriologists, special agents, experts, etc., carried on the lump fund named below on Aug. 1, 1912:

ENFORCEMENT OF THE FOOD AND DRUGS ACT.

In Washington:

2 associate chemists, and members of the Board of Food and Drug Inspection, at \$4,000 each.....	\$8,000
1 assistant chief of bureau, and chief of the division of foods.....	4,000
1 chief of St. Paul laboratory, and member of the Board of Food and Drug Inspection.....	4,000
1 chief of division.....	4,000
1 chief of division.....	3,500
2 chiefs of laboratories, at \$3,250 each.....	6,500
3 chiefs of laboratories, at \$3,000 each.....	9,000
4 chiefs of laboratories, at \$2,760 each.....	11,040
1 chief of laboratory.....	2,520
2 chiefs of laboratories, at \$2,500 each.....	5,000
1 chief of laboratory.....	2,250
2 chiefs of laboratories, at \$2,040 each.....	4,080
1 supervising clerk.....	2,500
1 food and drug inspection chemist.....	2,280
1 physiological chemist.....	2,280
1 assistant chemist.....	2,200
7 assistant chemists, at \$2,040 each.....	14,280
1 assistant chemist.....	2,000
9 assistant chemists, at \$1,800 each.....	16,200
12 assistant chemists, at \$1,620 each.....	19,440
18 assistant chemists, at \$1,440 each.....	25,920
1 assistant chemist, at \$7 per diem (when actually employed).....	1,800
1 assistant chemist, at \$5 per diem (when actually employed).....	1,600
1 chemist aid.....	2,040
1 scientific assistant.....	2,040
1 scientific assistant.....	1,800
2 scientific assistants, at \$1,620 each.....	3,240
2 scientific assistants, at \$1,440 each.....	2,880
1 fermentation chemist.....	2,040
1 assistant bacteriologist.....	1,800
1 assistant bacteriologist.....	1,200
1 medico-chemical analyst.....	1,800
1 pharmaceutical chemist.....	1,800
1 pharmaceutical chemist.....	1,620
1 microanalyst.....	2,000
2 microanalysts, at \$1,440 each.....	2,880
1 bacteriological chemist.....	1,440
1 laboratory assistant.....	1,200
4 clerks, at \$900 each.....	3,600
Total.....	187,770

Out of Washington:

1 chief of laboratory.....	3,500
3 chiefs of laboratories, at \$3,000 each.....	9,000
4 chiefs of laboratories, at \$2,520 each.....	10,080
8 chiefs of laboratories, at \$2,280 each.....	18,240
1 chief of laboratory.....	2,250
2 chiefs of laboratories, at \$2,040 each.....	4,080
2 food inspection chemists, at \$2,760 each.....	5,520
1 food inspection chemist.....	2,280
1 food inspection chemist, at \$9 per diem (when actually employed).....	400
1 food and drug inspection chemist.....	2,520
1 food and drug inspection chemist.....	2,280
7 food and drug inspection chemists, at \$9 per diem each (when actually employed).....	925
5 food and drug inspection chemists, at \$8 per diem each (when actually employed).....	300
1 food and drug inspection chemist, at \$7 per diem (when actually employed).....	400
2 assistant chemists, at \$2,520 each.....	5,040
2 assistant chemists, at \$2,040 each.....	4,080
13 assistant chemists, at \$1,800 each.....	23,400
16 assistant chemists, at \$1,620 each.....	25,920

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>Enforcement of the Food and Drugs Act—Continued.</i>		
Out of Washington—Continued.		
1 assistant chemist, at \$7 per diem (when actually employed).....	\$400	
1 food technologist.....	2,500	
1 investigator in poultry and egg handling.....	2,040	
1 investigator in poultry and egg handling.....	1,600	
1 chemical bacteriologist.....	1,620	
1 assistant bacteriologist.....	1,620	
1 microanalyst.....	1,620	
1 microanalyst, at \$7 per diem (when actually employed).....	2,100	
1 scientific assistant, at \$8 per diem (when actually employed).....	1,200	
1 pharmacognosist, at \$10 per diem (when actually employed).....	1,000	
2 pharmacognosists, at \$9 per diem (when actually employed).....	200	
1 artist, at \$9 per diem (when actually employed).....	400	
1 special agent, at \$10 per diem (when actually employed).....	1,500	
6 special agents, at \$8 per diem each (when actually employed).....	1,200	
1 expert, at \$9 per diem (when actually employed).....	500	
8 experts, at \$8 per diem each (when actually employed).....	1,600	
23 collaborating chemists, at \$8 per diem each (when actually employed).....	4,600	
1 clerk.....	900	
1 clerk, at \$3 per diem (when actually employed).....	450	
1 sampler.....	1,200	
1 candy maker, at \$900 (when actually employed).....	375	
1 bacteriological helper, at \$900 (when actually employed).....	200	
1 bacteriological helper, at \$720 (temporary).....	150	
7 collaborators, at \$300 each.....	2,100	
1 collaborator.....	120	
Total.....	185,970	
ALLOTTED TO REFEREE BOARD.		
5 consulting scientific experts, at \$2,000 each.....	10,000	
1 expert.....	3,000	
2 experts, at \$2,400 each.....	4,800	
1 expert.....	660	
1 agent.....	1,200	
1 agent.....	960	
1 agent.....	600	
1 collaborating stenographer.....	300	
Total.....	21,520	

NOTE 3.—In accordance with the provisions of section 6 of the sundry civil act approved Aug. 24, 1912 (Public 302), the following matter relative to the foregoing appropriation is submitted:

(1914: \$743,600.)

ENFORCEMENT OF THE FOOD AND DRUGS ACT.

(1912: \$610,110.)

Allotment to the Bureau of Chemistry, 1914, \$668,600. Allotment to the Bureau of Chemistry, 1912, \$535,110.

ESTIMATED.	EXPENDED.
Salaries..... \$378,000.00	Salaries..... \$313,130.39
As follows:	As follows:
1 assistant chief of bureau and chief, division of foods, at \$4,600.	1 assistant chief of bureau and chief, division of foods, at \$4,000.
2 associate chemists and members of the board of food and drug inspection, at \$4,000 each.	2 associate chemists and members of the board of food and drug inspection, at \$4,000 each.
2 chiefs of division, at \$4,000 each.	1 chief of St. Paul laboratory and member of the board of food and drug inspection, at \$4,000.
1 chief of division, at \$3,500.	1 chief of division, at \$4,000.
2 chiefs of laboratories, at \$3,500 each.	1 chief of division, at \$3,500.
2 chiefs of laboratories, at \$3,250 each.	1 chief of laboratory, at \$3,500.
6 chiefs of laboratories, at \$3,000 each.	2 chiefs of laboratories, at \$3,250 each.
4 chiefs of laboratories, at \$2,700 each.	6 chiefs of laboratories, at \$3,000 each.
3 chiefs of laboratories, at \$2,520 each.	4 chiefs of laboratories, at \$2,700 each.
1 chief of laboratory, at \$2,500.	3 chiefs of laboratories, at \$2,520 each.
5 chiefs of laboratories, at \$2,280 each.	1 chief of laboratory, at \$2,500.
3 chiefs of laboratories, at \$2,250 each.	5 chiefs of laboratories, at \$2,280 each.
1 chief of laboratory, at \$2,200.	3 chiefs of laboratories, at \$2,250 each.
7 chiefs of laboratories, at \$2,040 each.	1 chief of laboratory, at \$2,200.
1 chief of laboratory, at \$1,600.	7 chiefs of laboratories, at \$2,040 each.
10 food technologists, at \$2,520 each	1 chief of laboratory, at \$1,600.
1 food technologist, at \$2,500.	10 food technologists, at \$2,520 each
1 assistant chemist, at \$2,600.	1 food technologist, at \$2,500.
2 assistant chemists, at \$2,280 each.	1 assistant chemist, at \$2,600.
1 assistant chemist, at \$2,200.	2 assistant chemists, at \$2,280 each.
10 assistant chemists, at \$2,040 each.	1 assistant chemist, at \$2,200.
2 assistant chemists, at \$2,000 each.	5 assistant chemists, at \$2,040 each.
20 assistant chemists, at \$1,800 each.	2 assistant chemists, at \$2,000 each.
1 assistant chemist, at \$1,740.	18 assistant chemists, at \$1,800 each.
23 assistant chemists, at \$1,620 each.	1 assistant chemist, at \$1,740.
61 assistant chemists, at \$1,440 each.	21 assistant chemists, at \$1,620 each.
3 assistant chemists, at \$1,200 each.	59 assistant chemists, at \$1,440 each.
2 assistant chemists, at \$7 per diem each.	3 assistant chemists, at \$1,200 each.
1 assistant chemist, at \$6 per diem.	2 assistant chemists, at \$7 per diem each.
1 assistant chemist, at \$5 per diem.	1 assistant chemist, at \$6 per diem.
2 food inspection chemists, at \$2,520 each.	1 assistant chemist, at \$5 per diem.
1 food inspection chemist, at \$2,040.	1 food technologist, at \$2,500.
1 food inspection chemist, at \$9 per diem.	2 food inspection chemists, at \$2,520 each.
1 food and drug inspection chemist, at \$2,520.	1 food inspection chemist, at \$2,040.
1 food and drug inspection chemist, at \$2,280.	1 food inspection chemist, at \$9 per diem.
1 food and drug inspection chemist, at \$2,040.	1 food and drug inspection chemist, at \$2,520.
2 food and drug inspection chemists, at \$1,620 each.	1 food and drug inspection chemist, at \$2,280.
7 food and drug inspection chemists, at \$9 per diem each.	1 food and drug inspection chemist, at \$2,040.
5 food and drug inspection chemists, at \$8 per diem each.	2 food and drug inspection chemists, at \$1,620 each.
1 food and drug inspection chemist, at \$7 per diem.	7 food and drug inspection chemists, at \$9 per diem each.
2 food and drug inspection chemists, at \$6 per diem each.	7 food and drug inspection chemists, at \$8 per diem each.
1 food and drug inspection chemist, at \$5 per diem.	5 food and drug inspection chemists, at \$9 per diem each.
2 food and drug inspection chemists, at \$4 per diem each.	5 food and drug inspection chemists, at \$8 per diem each.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.	
Enforcement of the Food and Drugs Act—Continued.			
1 physiological chemist, at \$2,040. 2 scientific assistants, at \$1,800 each. 2 scientific assistants, at \$1,440 each. 1 scientific assistant, at \$8 per diem. 1 scientific assistant in food bacteriology, at \$1,440. 1 scientific assistant qualified in food bacteriology, at \$1,440. 2 microanalysts, at \$2,040 each. 2 microanalysts, at \$1,800 each. 1 microanalyst, at \$1,440. 1 microanalyst, at \$7 per diem. 1 assistant organic chemist, at \$2,040. 1 assistant organic chemist, at \$1,620. 1 medicochemical analyst, at \$1,800. 2 pharmaceutical chemists, at \$2,520 each. 1 pharmaceutical chemist, at \$1,800. 1 pharmaceutical chemist, at \$1,620. 1 investigator in poultry and egg handling, at \$2,040. 1 investigator in poultry and egg handling, at \$1,600. 1 assistant bacteriologist, at \$1,800. 2 assistant bacteriologists, at \$1,440 each. 2 bacteriologists, at \$2,040 each. 1 bacteriological chemist, at \$2,520. 1 bacteriological chemist, at \$2,500. 1 bacteriological chemist, at \$1,440. 1 chemist aid, at \$2,040. 1 chemist aid, at \$75 per month. 1 laboratory assistant, at \$1,200. 1 bacteriologist, at \$1,200. 1 chemical bacteriologist, at \$1,620. 1 pharmacognosist, at \$10 per diem. 2 pharmacognosists, at \$9 per diem each. 1 artist, at \$9 per diem. 1 expert, at \$9 per diem. 8 experts, at \$8 per diem each. 3 special agents, at \$9 per diem each. 7 special agents, at \$8 per diem each. 1 special agent, at \$6 per diem. 26 collaborating chemists, at \$8 per diem each. 3 collaborating chemists, at \$1 per annum each. 1 candy maker, at \$75 per month. 5 collaborating clerks, at \$300 each. 1 skilled laborer, at \$720. 1 bacteriological helper, at \$900. 5 janitor collaborators, at \$300 each. 1 janitor collaborator, at \$240. 1 collaborator, at \$300. 1 collaborator, at \$120.	1 physiological chemist, at \$2,040. 2 scientific assistants, at \$1,800 each. 2 scientific assistants, at \$1,440 each. 1 scientific assistant, at \$8 per diem. 1 scientific assistant in food bacteriology, at \$1,440. 1 scientific assistant qualified in food bacteriology, at \$1,440. 2 microanalysts, at \$1,800 each. 1 microanalyst, at \$1,440. 1 microanalyst, at \$1,200. 1 microanalyst, at \$7 per diem. 1 assistant organic chemist, at \$2,040. 1 assistant organic chemist, at \$1,620. 1 medicochemical analyst, at \$1,800. 1 pharmaceutical chemist, at \$1,800. 1 pharmaceutical chemist, at \$1,620. 1 investigator in poultry and egg handling, at \$2,040. 1 investigator in poultry and egg handling, at \$1,600. 1 assistant bacteriologist, at \$1,800. 2 assistant bacteriologists, at \$1,440 each. 1 bacteriological chemist, at \$2,520. 1 bacteriological chemist, at \$2,500. 1 bacteriological chemist, at \$1,440. 1 chemist aid, at \$2,040. 1 chemist aid, at \$75 per month. 1 laboratory assistant, at \$1,200. 1 mechanical assistant, at \$1,200. 1 bacteriologist, at \$1,200. 1 chemical bacteriologist, at \$1,620. 1 pharmacognosist, at \$1,000. 1 pharmacognosist, at \$10 per diem. 2 pharmacognosists, at \$9 per diem each. 1 sampler, at \$1,200. 1 artist, at \$9 per diem. 1 expert, at \$9 per diem. 8 experts, at \$8 per diem each. 1 bacteriological expert, at \$10 per diem. 1 special agent, at \$1,500. 3 special agents, at \$9 per diem each. 7 special agents, at \$8 per diem each. 1 special agent, at \$6 per diem. 1 special agent, at \$75 per month. 26 collaborating chemists, at \$8 per diem each. 3 collaborating chemists, at \$1 per annum each. 1 candy maker, at \$75 per month. 1 supervising clerk of interstate and foreign food and drug cases, at \$2,500. 1 clerk, class 4, at \$1,800. 1 clerk, class 1, at \$1,200. 1 editorial clerk, at \$1,000. 7 clerks, at \$900 each. 1 clerk, at \$720. 23 clerks, at \$75 per month each. 1 clerk, at \$3 per diem. 5 collaborating clerks, at \$300 each. 1 skilled laborer, at \$720. 1 laboratory helper, at \$840. 9 laboratory helpers, at \$600 each. 1 bacteriological helper, at \$900. 2 bacteriological helpers, at \$720 each. 1 messenger boy, at \$420. 5 janitor collaborators, at \$300 each. 1 janitor collaborator, at \$240. 1 collaborator, at \$300. 1 collaborator, at \$120.		
Traveling expenses.....	\$90,000.00	Traveling expenses.....	\$61,947.07
Supplies and equipment.....	128,000.00	Supplies and equipment.....	86,278.40
Miscellaneous expenses.....	72,600.00	Miscellaneous expenses.....	55,971.25
Total estimate, 1914, for Bureau of Chemistry.....	668,600.00	Total expenditures, 1912, for Bureau of Chemistry.....	517,327.11
Total appropriation, 1913, for Bureau of Chemistry.....	550,000.00		
Increase.....	118,600.00		
Activities:		Activities:	
Office: Administrative, clerical, and editorial.....	13,000.00	Office: Administrative, clerical, and editorial.....	12,779.60
Food and drug inspection and investigation—		Food and drug inspection and investigation—	
Washington food division.....	68,500.00	Washington food division.....	60,216.80
Washington drug division.....	48,500.00	Washington drug division.....	41,521.37
Branch food and drug inspection laboratories—		Branch food and drug inspection laboratories—	
Boston laboratory.....	12,000.00	Boston laboratory.....	10,301.09
Buffalo laboratory.....	8,200.00	Buffalo laboratory.....	5,863.97
Chicago laboratory.....	23,500.00	Chicago laboratory.....	19,429.53
Cincinnati laboratory.....	11,000.00	Cincinnati laboratory.....	9,405.64
Denver laboratory.....	8,700.00	Denver laboratory.....	6,691.29
Detroit laboratory.....	7,900.00	Detroit laboratory.....	6,133.78

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>Enforcement of the Food and Drugs Act—Continued.</i>			
Branch food and drug inspection laboratories— (continued.)			
Galveston laboratory.....	\$6,000.00		
Honolulu laboratory.....	6,000.00		
Kansas City laboratory.....	6,300.00		
Nashville laboratory.....	6,900.00		
New Orleans laboratory.....	5,900.00		
New York laboratory.....	50,000.00		
Omaha laboratory.....	8,500.00		
Philadelphia laboratory.....	8,600.00		
Pittsburgh laboratory.....	8,100.00		
Portland, Oreg., laboratory.....	8,000.00		
St. Louis laboratory.....	7,300.00		
St. Paul laboratory.....	7,500.00		
San Francisco laboratory.....	15,300.00		
San Juan laboratory.....	5,700.00		
Savannah laboratory.....	8,000.00		
Seattle laboratory.....	9,600.00		
Food and drug inspectors.....	52,100.00		
Food research work.....	42,700.00		
Ethnological tests and investigations.....	7,600.00		
Miscellaneous tests and investigations.....	23,900.00		
Microchemical tests and investigations.....	10,800.00		
Bacteriological tests and investigations.....	15,000.00		
Dairy tests and investigations.....	11,300.00		
Animal physiological tests and investigations.....	11,000.00		
Physical chemistry tests and investigations.....	8,200.00		
Sugar tests and investigations.....	6,500.00		
Nitrogen tests and investigations.....	4,600.00		
Collaboration with State officials.....	5,600.00		
Fees and expenses of expert witnesses.....	12,000.00		
Leather and paper tests and investigations.....	1,800.00		
Vegetable physiological tests and investigations.....	2,500.00		
Board of food and drug inspection.....	9,000.00		
Special investigations.....	75,000.00		
Total.....	668,600.00		
Branch food and drug inspection laboratories— Continued.			
Galveston laboratory.....	\$4,375.05		
Honolulu laboratory.....	2,765.11		
Kansas City laboratory.....	4,597.42		
Nashville laboratory.....	5,118.07		
New Orleans laboratory.....	4,072.62		
New York laboratory.....	43,068.70		
Omaha laboratory.....	6,805.55		
Philadelphia laboratory.....	6,704.13		
Pittsburgh laboratory.....	6,253.67		
Portland, Oreg., laboratory.....	6,012.06		
St. Louis laboratory.....	5,983.61		
St. Paul laboratory.....	5,946.05		
San Francisco laboratory.....	17,278.86		
San Juan laboratory.....	6,378.74		
Savannah laboratory.....	6,569.70		
Seattle laboratory.....	7,613.58		
Food and drug inspectors.....	48,702.20		
Food research work.....	39,291.76		
Ethnological tests and investigations.....	6,549.72		
Miscellaneous tests and investigations.....	20,890.41		
Microchemical tests and investigations.....	9,359.14		
Bacteriological tests and investigations.....	13,066.28		
Dairy tests and investigations.....	9,722.71		
Animal physiological tests and investigations.....	9,449.61		
Physical chemistry tests and investigations.....	7,169.26		
Sugar tests and investigations.....	5,393.40		
Nitrogen tests and investigations.....	3,315.61		
Collaboration with State officials.....	3,863.70		
Fees and expenses of expert witnesses.....	7,675.73		
Leather and paper tests and investigations.....	120.00		
Vegetable physiological tests and investigations.....	1,896.40		
Board of food and drug inspection.....	8,623.83		
Special investigations.....	9,766.88		
Legal work.....	584.48		
Total.....	517,327.11		
REFEREE BOARD.			
Allotment to referee board, 1914, \$75,000.		Allotment to referee board, 1912, \$75,000.	
ESTIMATED.		EXPENDED.	
Salaries.....	\$40,000.00	Salaries.....	\$36,244.18
As follows:		As follows:	
5 consulting scientific experts, at \$2,000 each.		5 consulting scientific experts, at \$2,000 each.	
1 expert, at \$250 per month.		1 expert, at \$250 per month.	
5 experts, at \$200 per month each.		5 experts, at \$200 per month each.	
1 expert, at \$175 per month.		1 expert, at \$175 per month.	
3 experts, at \$150 per month each.		3 experts, at \$150 per month each.	
4 experts, at \$100 per month each.		4 experts, at \$100 per month each.	
3 experts, at \$75 per month each.		3 experts, at \$75 per month each.	
1 expert, at \$55 per month.		1 expert, at \$55 per month.	
1 expert, at \$50 per month.		1 expert, at \$50 per month.	
1 agent, at \$100 per month.		1 agent, at \$100 per month.	
2 agents, at \$80 per month each.		2 agents, at \$80 per month each.	
1 agent, at \$60 per month.		1 agent, at \$60 per month.	
3 agents, at \$55 per month each.		3 agents, at \$55 per month each.	
7 agents, at \$50 per month each.		7 agents, at \$50 per month each.	
1 agent, at \$40 per month.		1 agent, at \$40 per month.	
6 agents, at \$30 per month each.		6 agents, at \$30 per month each.	
2 agents, at \$20 per month each.		2 agents, at \$20 per month each.	
2 collaborating subjects for experimentation, at \$2 per diem each.		2 collaborating subjects for experimentation, at \$2 per diem each.	
1 collaborating subject for experimentation, at \$30 per month.		1 collaborating subject for experimentation, at \$30 per month.	
11 collaborating subjects for experimentation, at \$25 per month each.		11 collaborating subjects for experimentation, at \$25 per month each.	
17 collaborating subjects for experimentation, at \$20 per month each.		17 collaborating subjects for experimentation, at \$20 per month each.	
1 collaborator, at \$50 per month.		1 collaborator, at \$50 per month.	
1 collaborator, at \$20 per month.		1 collaborator, at \$20 per month.	
1 collaborator, at \$15 per month.		1 collaborator, at \$15 per month.	
1 laboratory helper, at \$50 per month.		1 laboratory helper, at \$50 per month.	
1 agent or clerk-typewriter, at \$50 per month.		1 agent or clerk-typewriter, at \$50 per month.	
1 collaborating stenographer, at \$25 per month.		1 collaborating stenographer, at \$25 per month.	
Traveling expenses.....	3,000.00	Traveling expenses.....	1,100.56
Supplies and equipment.....	30,000.00	Supplies and equipment.....	12,608.53
Miscellaneous expenses.....	2,000.00	Miscellaneous expenses.....	690.20
Total estimate, 1914, for Referee Board.....	75,000.00	Total expenditures, 1912, for Referee Board.....	50,643.47
Total appropriation, 1913, for Referee Board.....	75,000.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.				Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
Enforcement of the Food and Drugs Act—Continued.					
Activities:		Activities:			
Baltimore (headquarters of chairman)	\$5,000.00	Baltimore (headquarters of chairman)	\$2,353.00		
Boston laboratory	5,000.00	Boston laboratory	909.81		
Chicago laboratory	10,000.00	Chicago laboratory	5,391.27		
New Haven laboratory	20,000.00	New Haven laboratory	17,041.96		
Philadelphia laboratory	35,000.00	Philadelphia laboratory	24,947.43		
Total	75,000.00	Total	\$50,643.47		
RECAPITULATION OF APPROPRIATION "ENFORCEMENT OF THE FOOD AND DRUGS ACT."					
ESTIMATED, 1914.		EXPENDED, 1912.			
Salaries	\$418,000.00	Salaries	\$349,374.57		
Traveling expenses	93,000.00	Traveling expenses	63,047.63		
Supplies and equipment	158,000.00	Supplies and equipment	98,886.93		
Miscellaneous expenses	74,600.00	Miscellaneous expenses	56,661.45		
Total estimate, 1914	743,600.00	Total expenditures, 1912	567,970.58		
Total appropriation, 1913	625,000.00				
Increase	118,600.00				
Total for Bureau of Chemistry, including statutory salaries				\$1,132,740.00	\$968,940.00
BUREAU OF SOILS.					
<i>Salaries, Bureau of Soils—</i>					
One soil physicist, who shall be chief of bureau (increase of \$1,000 submitted) (R. S., p. 87, secs. 522-523; act Aug. 10, 1912, vol. 37, p. 290, sec. 1)					
	\$5,000.00				
One chief clerk (same acts)	2,000.00				
One executive assistant (same acts)	2,000.00				
Three clerks, class 4 (same acts)	5,400.00				
Two clerks, class 3 (same acts)	3,200.00				
Four clerks, class 2 (increase of 1 by transfer from lump fund) (same acts)	5,600.00				
One clerk (same acts)	1,260.00				
Nine clerks, class one (increase of 1 submitted) (same acts)	10,800.00				
Four clerks, at \$1,000 each (same acts)	4,000.00				
Three clerks, at \$900 each (same acts)	2,700.00				
One soil cartographer (same acts)	1,800.00				
One soil cartographer (submitted)	1,600.00				
One soil bibliographer (R. S., p. 87, secs. 522-523; act Aug. 10, 1912, vol. 37, p. 290, sec. 1)	1,400.00				
One photographer (same acts)	1,200.00				
Four draftsmen, at \$1,200 each (increase of one submitted) (same acts)	4,800.00				
One draftsman (same acts)	1,000.00				

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>Salaries, Bureau of Soils—Continued.</i>			
One messenger (R. S., p. 87, secs. 522-523; act Aug. 10, 1912, vol. 37, p. 290, sec. 1)	\$840.00		
Three messengers, messenger boys, or laborers, at \$480 each (increase of one by transfer from lump fund) (same acts).....	1,440.00		
One laborer (same acts).....	600.00		
One laborer (same acts).....	300.00		
One charwoman or laborer (same acts).....	480.00		
		\$57,420.00	\$50,540.00
Appropriations for 1904.....	\$42,480	Estimates for 1905.....	\$46,720
Appropriations for 1905.....	44,680	Estimates for 1906.....	44,680
Appropriations for 1906.....	34,600	Estimates for 1907.....	36,400
Appropriations for 1907.....	36,400	Estimates for 1908.....	37,240
Appropriations for 1908.....	36,980	Estimates for 1909.....	40,000
Appropriations for 1909.....	34,700	Estimates for 1910.....	34,500
Appropriations for 1910.....	35,500	Estimates for 1911.....	37,420
Appropriations for 1911.....	37,420	Estimates for 1912.....	52,020
Appropriations for 1912.....	48,320	Estimates for 1913.....	57,330
Appropriations for 1913.....	50,540	Estimates for 1914.....	57,420

NOTE.—An increase of \$1,000 is submitted in the salary of the chief of bureau, and one clerk of class 1, one soil cartographer at \$1,000, and one draftsman at \$1,200 have been added. One clerk of class 2 and one laborer at \$480 have also been added by transfer from the lump fund and that fund reduced accordingly. Apparent increase \$6,880; actual increase \$5,000.

General Expenses, Bureau of Soils—

For all necessary expenses connected with the investigations and experiments hereinafter authorized, including the employment of investigators, local and special agents, assistants, experts, clerks, draftsmen, and labor in the city of Washington and elsewhere; official traveling expenses, materials, tools, instruments, apparatus, repairs to apparatus, chemicals, furniture, office fixtures, stationery, gas, electric current, telegraph and telephone service, express and freight charges, rent outside of the District of Columbia, and for all other necessary supplies and expenses, as follows:

For chemical investigations of soil types, soil composition and soil minerals, the soil solution, solubility of soil and all chemical properties of soils in their relation to soil formation, soil texture, and soil productivity, including all routine chemical work in connection with the soil survey, eighteen thousand one hundred and thirty-five dollars (act Aug. 10, 1912, vol. 37, p. 290, sec. 1)	\$18,135.00
For physical investigations of the important properties of soil which determine productivity, such as moisture relations, aeration, heat conductivity, texture, and other physical investigations of the various soil classes and soil types, eleven thousand two hundred and sixty-five dollars (same act).....	11,265.00
For soil-fertility investigations into organic causes of infertility and remedial measures, maintenance of productivity, properties and composition of soil humus, and the transformation and formation of soil humus by soil organisms, [twenty-two thousand two hundred dollars;] <i>twenty-seven thousand two hundred dollars (same act)</i>	27,200.00
For exploration and investigation within the United States to determine [a] possible source of supply and method of utilization of potash, nitrates, and other [natural] fertilizer[s] material, [twenty-five thousand dollars;] <i>thirty-five thousand dollars (same act)</i>	35,000.00
For the investigation of the relation of soils to drainage and seepage waters, five thousand dollars (same act)	5,000.00
For the investigation of soils and for indicating upon maps and plats, by coloring or otherwise, the results of such investigations, [one hundred and sixty-five thousand dollars;] <i>one hundred and ninety-five thousand dollars (same act)</i>	195,000.00
For the examination and classification of agricultural land in force reserves in cooperation with the Forest Service, twenty thousand dollars (same act).....	20,000.00
For general administrative expenses connected with the above-mentioned lines of investigation, [four thousand two hundred and eighty dollars;] <i>three thousand and eight hundred dollars (same act)</i>	3,800.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913
<i>General Expenses, Bureau of Soils—Continued.</i>		
In all, for general expenses. [two hundred and fifty thousand eight hundred and eighty dollars.] <i>three hundred and fifteen thou and four hundred dollars.</i>	\$315, 400. 00	\$250. 880. 00
Appropriations for 1904..... \$170,000	Estimates for 1905..... \$203,280	
Appropriations for 1905..... 170,000	Estimates for 1906..... 205,320	
Appropriations for 1906..... 170,000	Estimates for 1907..... 200,000	
Appropriations for 1907..... 185,000	Estimates for 1908..... 200,000	
Appropriations for 1908..... 170,000	Estimates for 1909..... 200,000	
Appropriations for 1909..... 200,000	Estimates for 1910..... 252,600	
Appropriations for 1910..... 197,360	Estimates for 1911..... 193,600	
Appropriations for 1911..... 193,600	Estimates for 1912..... 228,700	
Appropriations for 1912..... 213,740	Estimates for 1913..... 284,370	
Appropriations for 1913..... 250,880	Estimates for 1914..... 315,400	

NOTE 1.—There is an apparent increase in the above appropriation of \$64,520, but adding the saving in salary of two employees transferred to the statutory roll, there is an actual increase of \$66,400, as follows:

An increase of \$5,000 is recommended for soil fertility investigations to provide for biochemical work connected with the transforming and formation of soil humus by soil organisms. The large scope of the work in soil fertility problems has made it impossible heretofore to do justice to this important branch of the work, namely: The study of the changes organic matter goes through in the soil and the agencies which bring about these changes. In order to devise suitable methods of prevention or eradication of injurious substances and formation of beneficial substances in soil humus, the organic substances isolated from soils must be studied in regard to their origin or reason for their occurrence.

An increase of \$10,000 is recommended to provide for the extension of the exploration of the kelp beds on the Pacific coast, especially along the Alaskan coast, and the change in wording is to enable the bureau to investigate the proper methods of preparing and distributing fertilizers from natural and artificial sources to make the material more valuable as soil amendments and more readily available to farmers.

An increase of \$31,400 is requested to extend the work of the soil survey to meet the continued and insistent demands for information regarding soils and the possibilities of their improvement by State departments of agriculture, State experiment stations, schools of agriculture, boards of trade, agricultural organizations, and associations of farmers.

The sum of \$20,000 is recommended to enable the Bureau of Soils to assist the Forest Service in the examination and classification of soils located within the forest reserves with a view of determining whether they are more useful for forestry or for agricultural purposes. The Forest Service has called for such assistance and advice from time to time beyond the limits of our present resources, and it is estimated that it will require at least this additional amount to provide them with the necessary soil experts to make the examinations they require to carry out their duties in the elimination of agricultural lands from the forest reserves.

NOTE 2.—Salaries of scientists, experts, collaborators, etc., carried on the lump funds named below on Aug. 1, 1912:

GENERAL EXPENSES, BUREAU OF SOILS.

In Washington:

SOIL SURVEY INVESTIGATIONS.

1 scientist in soil survey investigations.....	\$3,500.00
1 scientist in soil survey investigations.....	3,250.00
1 expert.....	3,000.00
1 scientist in soil survey investigations.....	1,800.00
1 copyist topographic draftsman, at \$900 (4 months).....	300.00
3 copyist topographic draftsmen, at \$75 per month each (temporary).....	425.00
Total.....	12,275.00

SOIL LABORATORY INVESTIGATIONS.

1 scientist in soil laboratory investigations.....	3,750.00
1 scientist in soil laboratory investigations.....	3,500.00
1 scientist in soil laboratory investigations.....	3,000.00
1 scientist in soil laboratory investigations.....	2,500.00
1 scientist in soil laboratory investigations.....	2,220.00
1 scientist in soil laboratory investigations.....	2,040.00
2 scientists in soil laboratory investigations, at \$2,000 each.....	4,000.00
1 scientist in soil laboratory investigations.....	1,980.00
3 scientists in soil laboratory investigations, at \$1,740 each.....	5,220.00
1 scientist in soil laboratory investigations.....	1,620.00
2 scientists in soil laboratory investigations, at \$1,000 each.....	3,200.00
1 scientist in soil laboratory investigations.....	1,560.00
1 scientist in soil laboratory investigations.....	1,500.00
1 scientist in soil laboratory investigations.....	1,440.00
1 scientist in soil laboratory investigations.....	1,400.00
2 scientists in soil laboratory investigations, at \$1,320 each.....	2,640.00
4 scientists in soil laboratory investigations, at \$1,200 each.....	4,800.00
1 scientist in soil laboratory investigations.....	1,000.00
Total.....	47,370.00

INVESTIGATIONS OF FERTILIZER RESOURCES.

1 scientist in investigations of fertilizer resources.....	1,800.00
ADMINISTRATIVE EXPENSES.	
1 plumber, at \$200 (temporary).....	113.33

Out of Washington:

SOIL SURVEY INVESTIGATIONS.

2 scientists in soil survey investigations, at \$2,040 each.....	4,080.00
2 scientists in soil survey investigations, at \$2,000 each.....	4,000.00
2 scientists in soil survey investigations, at \$1,980 each.....	3,960.00
1 scientist in soil survey investigations.....	1,860.00
6 scientists in soil survey investigations, at \$1,800 each.....	10,800.00
1 scientist in soil survey investigations, at \$150 per month (3 months).....	450.00
4 scientists in soil survey investigations, at \$1,740 each.....	6,960.00
1 scientist in soil survey investigations.....	1,620.00
1 scientist in soil survey investigations.....	1,600.00
5 scientists in soil survey investigations, at \$1,560 each.....	7,800.00
2 scientists in soil survey investigations, at \$1,400 each.....	2,800.00
1 scientist in soil survey investigations.....	1,380.00
5 scientists in soil survey investigations, at \$1,320 each.....	6,600.00
7 scientists in soil survey investigations, at \$1,200 each.....	8,400.00
7 scientists in soil survey investigations, at \$1,080 each.....	7,560.00
2 scientists in soil survey investigations, at \$1,000 each.....	2,000.00
1 scientific assistant, at \$60 per month.....	720.00
23 collaborators, at \$1 per annum each.....	23.00
Total.....	72,613.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Soils—Continued.</i>			
SOIL LABORATORY INVESTIGATIONS.			
Out of Washington—Continued.			
1 scientist in soil laboratory investigations.....	\$1,440.00		
INVESTIGATIONS OF FERTILIZER RESOURCES.			
1 scientist in investigations of fertilizer resources.....	2,500.00		
1 expert, at \$250 per month (4 months).....	1,000.00		
1 collaborator.....	100.00		
Total.....	3,600.00		
NOTE 3.—In accordance with the provisions of section 6 of the sundry civil act approved Aug. 24, 1912 (Public, No. 302), the following matter relative to the foregoing appropriation is submitted:			
(1914: \$315,400.)	GENERAL EXPENSES, BUREAU OF SOILS.	(1912: \$213,740)	
	Soil laboratory investigations, 1912.....	\$51,600.00	
	Appropriation increased by transfer of funds from soil survey appropriation...	250.00	
	Total.....	51,850.00	
Chemical investigations, 1914, \$18,135.		Chemical investigations, 1912.	
ESTIMATED.		EXPENDED.	
Salaries.....	\$16,550.00	Salaries.....	\$15,739.84
As follows:		As follows:	
1 scientist, 4 months, at \$3,750.....	\$1,250.00	1 scientist, 6 months, at \$3,750.....	\$1,875.00
1 scientist.....	2,400.00	1 scientist, 6 months, at \$5,000.....	1,500.00
1 scientist.....	2,220.00	1 scientist.....	2,000.00
1 scientist.....	2,100.00	1 scientist, at \$2,000.....	833.34
1 scientist.....	1,800.00	1 scientist, at \$2,000.....	416.66
1 scientific assistant, 4 months, at \$1,800.....	600.00	1 scientist.....	1,980.00
1 scientist.....	1,680.00	1 scientist, at \$1,740.....	391.50
1 analyst.....	1,440.00	1 scientist, at \$1,620 and \$1,740.....	1,680.00
1 analyst.....	1,200.00	1 scientist, at \$1,600.....	466.67
1 analyst.....	1,080.00	1 scientist, at \$1,200 and \$1,440.....	1,320.00
1 laboratory helper.....	780.00	1 scientist, at \$1,500.....	816.67
		1 scientist, at \$1,200 and \$1,440.....	1,183.33
		1 scientist, at \$1,200.....	676.67
		1 scientist, 6 months, at \$1,200.....	600.00
Traveling expenses.....	528.00	Traveling expenses.....	284.56
Supplies and equipment.....	1,057.00	Supplies and equipment.....	1,128.76
Total estimate, 1914.....	18,135.00	Miscellaneous expenses.....	150.00
Total appropriation, 1913.....	18,135.00	Total expenditures, 1912.....	17,303.16
Activities:		Activities:	
Investigation of the chemical composition of important soil types, with particular reference to chemical elements rarely, if ever, considered in chemical analyses to study the possible effects on productivity.....	4,135.00	Investigation of the form and availability of phosphates in soils and fertilizers.....	1,188.04
Investigation of the composition of soil solutions as the great nutrient solutions for plant growth.....	1,500.00	Investigation of nitrogen-carrying fertilizers with a view to their adaptation to soil improvement.....	768.02
Investigation of the effect of soil amendments on the solubility of soil minerals and upon the soil solution.....	2,000.00	Investigation of the chemical and mineralogical composition of soil types and soil separates in their relation to sustained fertility and to the adaptation of crops.....	4,377.21
Investigation of methods of chemical soil analyses.....	1,000.00	Investigation of the solubility of soil minerals in relation to the mineral plant food supply to be expected from any given soil.....	1,164.71
Investigation of the mineralogical composition of soil types in their relation to sustained fertility and to the adaptation of crops.....	2,000.00	Investigation of the iron compounds of soils in their effect on absorption and retention of fertilizers and as affecting the physical condition and cultural methods required for soils.....	738.04
Investigation of the effect of weathering on soil minerals to determine the change of mineral state and the availability of the plant food constituents.....	1,000.00	Investigation of alkali salts to determine the type of alkali and the best methods of ameliorating the alkali conditions.....	668.02
Investigation of the relation between the mineral composition of soils and of the parent rock.....	1,000.00	Investigation of methods of chemical soil analyses.....	1,134.70
Routine mechanical analyses.....	5,500.00	Unclassified analyses and designing and repairing apparatus for chemical soil investigations.....	7,264.42
Total.....	18,135.00	Total.....	17,303.16

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
General Expenses, Bureau of Soils—Continued.			
Physical investigations, 1914, \$11,265.		Physical investigations, 1912.	
ESTIMATED.		EXPENDED.	
Salaries.....	\$10,970.00	Salaries.....	\$11,294.99
As follows:		As follows:	
1 scientist, 4 months, at \$3,750.....	\$1,250.00	1 scientist, 6 months, at \$3,750.....	\$1,875.00
1 scientist.....	2,400.00	1 scientist, 5 months plus, at \$3,000.....	1,333.33
1 scientific assistant, 4 months, at \$1,800.....	600.00	1 scientist, at \$2,000.....	666.66
2 scientists, at \$1,680.....	3,360.00	1 scientist.....	1,740.00
1 scientist.....	1,440.00	1 scientist, at \$1,400 and \$1,560.....	1,480.00
1 scientist.....	1,200.00	1 scientist.....	1,400.00
1 laboratory helper.....	720.00	1 scientist.....	1,200.00
Traveling expenses.....	105.00	1 scientist, 6 months, at \$1,200.....	600.00
Supplies and equipment.....	190.00	1 scientist.....	1,000.00
Total estimate, 1914.....	11,265.00	Traveling expenses.....	52.72
Total appropriation, 1913.....	11,265.00	Supplies and equipment.....	644.40
Activities:		Total expenditures, 1912.....	11,992.11
Investigation of the movement of soil particles in relation to the ease of root development in different types of soil and under different cultural conditions and to the interchange of soil material.....	1,000.00	Activities:	
Investigation of the absorption properties of soils as influencing the distribution and retention of fertilizer ingredients.....	650.00	Investigation for the conservation of soil moisture for the benefit of growing crops.....	675.05
Investigation of the flocculation, sedimentation, and crumbling of soils as related to tillage methods and the use of fertilizers and lime.....	950.00	Investigation of the relation of soil moisture to the physical condition of the soil and cultural requirements and methods.....	1,366.05
Investigation of the heat of wetting of soils as a means of comparing important physical properties.....	1,500.00	Investigation of the flocculation, sedimentation, and erosion of soils as related to tillage methods and the use of fertilizers and lime.....	658.05
Investigation of the relation of moisture content to physical properties of soils and cultural methods.....	2,000.00	Relation and conservation of fertilizer ingredients by soils.....	651.27
Investigation of the movement of soil moisture and the laws governing the same.....	1,500.00	Investigation of the leaching of soils with relation particularly to the elimination of alkali salts and to the conservation of soil constituents and fertilizers.....	583.05
Routine mechanical analyses of soils.....	3,665.00	Investigation of routine methods of analysis for the examination of the physical properties of soils.....	2,091.05
Total.....	11,265.00	The study of the agencies of soil formation and soil modification.....	681.05
		Investigation of methods and the perfecting of methods for the fixation of atmospheric nitrogen by mechanical and electrical means in a form adapted to soil improvement.....	1,045.49
		Routine mechanical analyses of soils.....	4,241.05
		Total.....	11,992.11
Soil fertility investigations, 1914, \$27,200.		Soil fertility investigations, 1912.	
ESTIMATED.		EXPENDED.	
Salaries.....	\$24,640.00	Salaries.....	\$20,103.33
As follows:		As follows:	
1 scientist.....	\$3,500.00	1 scientist.....	\$3,500.00
1 scientist.....	2,500.00	1 scientist.....	2,500.00
1 scientist.....	2,220.00	1 scientist.....	2,220.00
1 scientist.....	2,040.00	1 scientist.....	1,920.00
1 scientist.....	2,000.00	1 scientist.....	1,740.00
1 scientist.....	1,980.00	1 scientist.....	1,600.00
1 scientist.....	1,740.00	1 scientist, at \$1,600.....	1,253.33
1 scientist.....	1,620.00	1 scientist.....	1,530.00
2 scientists, at \$1,600.....	3,200.00	1 scientist.....	1,320.00
1 scientist.....	1,320.00	1 laboratory aid.....	1,320.00
1 laboratory aid.....	1,320.00	1 scientist.....	1,200.00
1 scientist.....	1,200.00	Traveling expenses.....	142.80
Traveling expenses.....	350.00	Supplies and equipment.....	1,841.57
Supplies and equipment.....	1,835.00	Miscellaneous expenses.....	354.40
Miscellaneous expenses.....	375.00	Total expenditures, 1912.....	22,442.10
Total estimate, 1914.....	27,200.00	Activities:	
Total appropriation, 1913.....	22,200.00	Investigation of the maintenance of soil fertility.....	3,619.73
Increase.....	5,000.00	Investigation of the causes of unproductive soils.....	6,436.68
Activities:		Investigation of the organic origin of unproductivity of soils and the effect of green manuring.....	5,264.41
Investigation of the maintenance of soil fertility.....	4,125.00	Investigation of means for improvement of unproductive soils.....	3,437.00
Investigation of the causes of unproductive soils.....	6,510.00	Investigation of the effect of fertilizers on soils.....	3,421.08
Investigation of the organic origin of unproductivity of soils and the effect of green manuring.....	9,050.00	Field investigations of soil-fertility problems in cooperation with experiment stations.....	263.20
Investigation of means for improvement of unproductive soils.....	3,650.00	Total.....	22,442.10
Investigation of the effect of fertilizers on soils.....	3,865.00		
Total.....	27,200.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Soils—Continued.</i>			
Investigations of fertilizer resources, 1914, \$35,000.		Investigations of fertilizer resources, 1912.. \$10,000. 00	
		Balance, 1911-12, immediately available appropriation.....	655. 13
		Total.....	10,655. 13
ESTIMATED.		EXPENDED.	
Salaries.....	\$23,070. 00	Salaries.....	4,817. 50
As follows:		As follows:	
1 scientist, 4 months, at \$3,750.....	\$1,250. 00	1 scientist.....	\$2,500. 00
4 scientists, at \$2,400.....	9,600. 00	1 scientist, one-half month, at \$2,500.....	104. 17
1 scientist.....	1,800. 00	1 scientist.....	1,800. 00
1 scientific assistant, 4 months, at \$1,800.....	600. 00	1 scientist, one-half month, at \$1,800.....	75. 00
3 analysts, at \$1,440.....	4,320. 00	2 experts, one-half month each, at \$250 per month.....	250. 00
1 analyst.....	1,200. 00	1 field assistant, at \$60 per month.....	30. 00
1 collaborator.....	400. 00	1 collaborator, at \$100 per annum.....	58. 33
2 experts, 6 months each, at \$250 per month.....	3,000. 00	Traveling expenses.....	4,345. 57
2 field assistants, 6 months each, at \$75 per month.....	900. 00	Supplies and equipment.....	489. 32
Traveling expenses.....	6,500. 00	Miscellaneous expenses (special reports).....	850. 60
Supplies and equipment.....	2,200. 00	Total expenditures, 1912.....	10,502. 99
Miscellaneous expenses.....	3,230. 00		
Total estimate, 1914.....	35,000. 00		
Total appropriation, 1913.....	25,000. 00		
Increase.....	10,000. 00		
Activities:		Activities:	
Investigation of desert basins for sources of supply and deposits of potash salts.....	2,850. 00	Investigation of desert basins for sources of supply and deposits of potash salts.....	5,912. 30
Investigation of potash silicates and other potash minerals, with a view to determining a feasible method of economic extraction of the potash salts in soluble form adapted to soil improvement.....	5,750. 00	Investigation of the giant kelps to devise laboratory methods of extracting potash salts for fertilizer use.....	855. 86
Investigation of the giant kelps of the Pacific coast as a source of supply of potash salts.....	9,000. 00	Investigation of potash silicates and other potash minerals, with a view to determining a feasible method of economic extraction of the potash salts in soluble form adapted to soil improvement.....	400. 00
Investigation of the best methods of utilization of fish scrap for manure.....	3,000. 00	Investigation of potash carrying brines and salt deposits to determine possible sources of supply and methods of preparing high-grade potash salts from such material....	450. 07
Investigation of possible sources of supply of natural nitrates in the United States and of nitrogen carriers.....	4,600. 00	Investigation of phosphate rocks, with a view to determining methods of utilizing the vast amount of low-grade rock which is now being wasted.....	2,214. 76
Investigation of the possibility and methods of utilization of peat for fertilizer use.....	500. 00	Investigation of possible sources of supply of natural nitrates in the United States.....	670. 00
Investigation of phosphate rocks, with a view to determining methods of utilizing the vast amount of low-grade rock which is now being wasted.....	5,000. 00	Total.....	10,502. 99
Investigation for the utilization of city waste, harbor mud, etc., for fertilizer purposes.....	1,200. 00		
Investigation of factory methods of manipulation for the better utilization of fertilizer material.....	3,100. 00		
Total.....	35,000. 00		
Soil water investigations, 1914, \$5,000.		No appropriation, "Soil water investigations," for 1912.	
ESTIMATED.			
Salaries.....	4,100. 00		
As follows:			
1 scientist.....	\$2,500. 00		
1 scientist.....	1,600. 00		
Traveling expenses.....	400. 00		
Supplies and equipment.....	500. 00		
Total estimate, 1914.....	5,000. 00		
Total appropriation, 1913.....	5,000. 00		
Activities:			
Determination of the depth of free water in the subsoil of important soil types as a basis for the study of the store of water in soils for agricultural use.....	1,200. 00		
Investigation of the actual movement of capillary water in important soil types as affecting the distribution and yield of crops.....	800. 00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Soils—Continued.</i>			
Investigation and improvement of methods for determining and recording the fluctuation of moisture in soils in place in the field as an aid to proper culture in the conservation of water.....	\$1,600.00		
Investigation of the movement and distribution of water in soils under irrigation, with a view to determining more economical methods of applying or conserving the water so used.....	1,400.00		
Total.....	5,000.00		
Soil survey investigations, 1914, \$195,000.		Soil survey, 1912..... \$145,000.00	
		Transferred to other subappropriations...	710.00
		Balance.....	144,290.00
ESTIMATED.		EXPENDED.	
Salaries.....	\$109,226.00	Salaries.....	84,731.59
As follows:		As follows:	
1 scientist.....	\$3,500.00	1 scientist, at \$3,250 and \$3,500.....	\$3,302.08
1 scientist.....	3,250.00	1 scientist.....	3,250.00
4 scientists, at \$2,280.....	9,120.00	1 expert.....	3,000.00
1 scientist.....	2,000.00	2 scientists, at \$2,040.....	4,080.00
3 scientists, at \$1,980.....	5,940.00	2 scientists, at \$2,000.....	4,000.00
4 scientists, at \$1,920.....	7,680.00	2 scientists, at \$1,980.....	3,960.00
1 scientist.....	1,860.00	1 scientist.....	1,860.00
4 scientists, at \$1,800.....	7,200.00	6 scientists, at \$1,800.....	10,800.00
4 scientists, at \$1,740.....	6,960.00	1 scientist, at \$1,600 and \$1,800.....	1,700.00
4 scientists, at \$1,680.....	6,720.00	1 scientist, at \$1,620 and \$1,740.....	1,680.00
1 scientist.....	1,620.00	1 scientist.....	1,740.00
1 scientist.....	1,600.00	2 scientists, at \$1,600 and \$1,740.....	3,340.00
8 scientists, at \$1,560.....	12,480.00	1 scientist.....	1,620.00
1 scientist.....	1,400.00	1 scientist, at \$1,620.....	981.00
1 scientist.....	1,380.00	1 special field agent and scientist, at \$1,600.....	622.23
7 scientists, at \$1,320.....	9,240.00	3 scientists, at \$1,560.....	4,680.00
11 scientists, at \$1,200.....	13,200.00	2 scientists, at \$1,400 and \$1,560.....	2,960.00
13 scientists, at \$1,080.....	14,040.00	2 scientists, at \$1,400.....	2,800.00
36 collaborators, at \$1 per annum.....	36.00	1 scientist, at \$1,200 and \$1,380.....	1,290.00
		1 scientist, at \$1,320.....	898.50
		1 scientist.....	1,320.00
		3 scientists, at \$1,200 and \$1,320.....	3,780.00
		1 scientist, at \$1,200 and \$1,320.....	1,221.67
		6 scientists, at \$1,200.....	7,200.00
		1 scientist, at \$1,200.....	600.42
		1 scientist, at \$1,200.....	1,040.13
		1 scientist, at \$1,000 and \$1,200.....	1,100.00
		2 scientists, at \$1,080.....	2,160.00
		1 scientist, at \$1,080.....	810.25
		1 scientist, at \$1,080.....	180.79
		1 special field agent and scientist, at \$100 per month and \$1,080.....	1,160.00
		1 special field agent and scientist, at \$75 per month and \$1,080.....	1,035.00
		1 special field agent and scientist, at \$75 per month and \$90 per month.....	277.50
		2 scientists, at \$1,000.....	2,000.00
		1 scientist at \$150 per month.....	600.67
		1 special field agent, at \$60 per month.....	360.00
		special field agent, at \$50 per month.....	550.00
		5 topographic draftsmen, at \$900.....	655.00
		1 clerk, at \$720.....	90.00
		32 collaborators, at \$1 per annum.....	26.35
Traveling expenses.....	82,274.00	Traveling expenses.....	54,468.28
Supplies and equipment.....	3,500.00	Supplies and equipment.....	3,901.92
Total estimate, 1914.....	195,000.00	Total expenditures, 1912.....	143,101.79
Total appropriation, 1913.....	165,000.00		
Increase.....	30,000.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.																																																																																																																																														
<p><i>General Expenses, Bureau of Soils—Continued.</i></p> <p><i>Activities.</i>—The following list of areas for which petitions are on file for soil surveys in the various States, together with such others as may be petitioned prior to the actual selection of work to be undertaken, constitutes the data from which the activities will be selected for the fiscal years 1913 and 1914. The actual selection of areas to be surveyed can only be made intelligently at about the time work is to start. The selection depends on the judgment of the Secretary of Agriculture and the bureau officials as to the particular needs of the several States in relation to the amount and distribution of the work already done, and what this shows as to the distribution and character of the soils in the States; it depends upon the amount of money and number and training of men the States are able at the time to devote to cooperative work; it depends upon the density of population, the present and prospective development of agriculture, the interest of the citizens, the existence of accurate base maps, the season of the year suitable for field work, the weather conditions which may retard or advance the rate of work previously undertaken, and other conditions which have to do with the classification and mapping of soils. For these reasons it is not possible to say with any exactness what will be expended in any State, much less what areas will be selected, or what amounts will be expended in the several areas in each State, as this will depend not only on the action of Congress but upon the wish and action of the various States over which neither Congress nor the department has any direct control:</p> <table><thead><tr><th></th><th>Square miles in area.</th></tr></thead><tbody><tr><td>Alabama:</td><td></td></tr><tr><td>Bullock County.....</td><td>609</td></tr><tr><td>Clay County.....</td><td>694</td></tr><tr><td>Cleburne County.....</td><td>563</td></tr><tr><td>Crenshaw County.....</td><td>612</td></tr><tr><td>Coosa County.....</td><td>611</td></tr><tr><td>Escambia County.....</td><td>968</td></tr><tr><td>Fayette County.....</td><td>647</td></tr><tr><td>Franklin County.....</td><td>689</td></tr><tr><td>Geneva County.....</td><td>662</td></tr><tr><td>Greene County.....</td><td>681</td></tr><tr><td>Houston County.....</td><td></td></tr><tr><td>Lawrence County.....</td><td>642</td></tr><tr><td>Lowndes County.....</td><td>747</td></tr><tr><td>Marengo County.....</td><td>978</td></tr><tr><td>Monroe County.....</td><td>1,037</td></tr><tr><td>Morgan County.....</td><td>589</td></tr><tr><td>Russell County.....</td><td>652</td></tr><tr><td>Shelby County.....</td><td>829</td></tr><tr><td>Walker County.....</td><td>860</td></tr><tr><td>Washington County.....</td><td>1,050</td></tr><tr><td>Wilcox County.....</td><td>914</td></tr><tr><td>Arizona:</td><td></td></tr><tr><td>Casa Grande Valley.....</td><td></td></tr><tr><td>Cochise County.....</td><td>6,147</td></tr><tr><td>Lonesome Valley.....</td><td></td></tr><tr><td>Arkansas:</td><td></td></tr><tr><td>Arkansas County.....</td><td>1,013</td></tr><tr><td>Clay County.....</td><td>649</td></tr><tr><td>Cleburne County.....</td><td>635</td></tr><tr><td>Cleveland County.....</td><td>581</td></tr><tr><td>Crittenden County.....</td><td>623</td></tr><tr><td>Cross County.....</td><td>629</td></tr><tr><td>Dallas County.....</td><td>657</td></tr><tr><td>Faulkner County.....</td><td>661</td></tr><tr><td>Franklin County.....</td><td>637</td></tr><tr><td>Fulton County.....</td><td>622</td></tr><tr><td>Grant County.....</td><td>640</td></tr><tr><td>Greene County.....</td><td>544</td></tr><tr><td>Hempstead County.....</td><td>722</td></tr><tr><td>Independence County.....</td><td>779</td></tr><tr><td>Izard County.....</td><td>611</td></tr><tr><td>Jackson County.....</td><td>643</td></tr><tr><td>Jefferson County.....</td><td>919</td></tr><tr><td>Lawrence County.....</td><td>589</td></tr><tr><td>Little River County.....</td><td>556</td></tr><tr><td>Logan County.....</td><td>697</td></tr><tr><td>Lonoke County.....</td><td>784</td></tr><tr><td>Mississippi County.....</td><td>842</td></tr><tr><td>Monroe County.....</td><td>622</td></tr><tr><td>Perry County.....</td><td>608</td></tr><tr><td>Pope County.....</td><td>834</td></tr></tbody></table>		Square miles in area.	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Estimating for the work done during the last half of the fiscal year 1912 for which accurate figures can not be obtained until the maps are finally drafted and measured, there have been surveyed to June 30, 1912, 571,848 square miles, or omitting the sparsely settled Rocky Mountain region, the Northwest Intermountain region, the Great Basin region, and the Arid Southwest, approximately 553,398 square miles, or about 26 per cent of the country:</p> <table><thead><tr><th></th><th>Square miles in area.</th><th></th></tr></thead><tbody><tr><td>Alabama:</td><td></td><td></td></tr><tr><td>Chilton County¹.....</td><td>703</td><td>\$2,161.26</td></tr><tr><td>Clark County¹.....</td><td>1,213</td><td>969.22</td></tr><tr><td>Conecuh County².....</td><td>831</td><td>1,176.81</td></tr><tr><td>Covington County².....</td><td>1,029</td><td>1,361.64</td></tr><tr><td>Elmore County¹.....</td><td>631</td><td>1,907.50</td></tr><tr><td>Madison County¹.....</td><td>800</td><td>1,387.45</td></tr><tr><td>Marshall County.....</td><td>590</td><td>1,481.30</td></tr><tr><td>Arkansas:</td><td></td><td></td></tr><tr><td>Ashley County².....</td><td>974</td><td>3,906.95</td></tr><tr><td>Pope County².....</td><td>834</td><td>217.10</td></tr></tbody></table>		Square miles in area.		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¹ Survey begun in fiscal year 1911.² Survey to be completed in fiscal year 1913.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses. Bureau of Soils—Continued.</i>			
ESTIMATED.		EXPENDED.	
	Sugarcane miles in area.		
Arkansas—Contd.			
Phillips County.....	710		
Pulaski County.....	788		
Randolph County.....	644		
Saline County.....	750		
Sebastian County.....	542		
Sevier County.....	548		
Sharp County.....	606		
Stone County.....	645		
St. Francis County.....	646		
St. Francis Valley.....			
White County.....	1,035		
Woodruff County.....	593		
Yell County.....	955		
California:			
Alameda County.....	764		
Butte County.....	1,660		
Calaveras County.....	1,180		
Contra Costa County.....	728		
Eldorado County.....	1,796		
Glenn County.....	1,270		
Kern County.....	8,050		
Kings County.....	984		
Lassen County.....	4,520		
Madera County.....	2,062		
Mariposa County.....	1,510		
Merced County.....	1,932		
Modoc County.....	3,741		
Monterey County.....	3,340		
Napa County.....	780		
Placer County.....	1,365		
Sacramento County.....	1,000		
San Joaquin County.....	1,396		
San Luis Obispo County.....	3,310		
Santa Barbara County.....	2,632		
Santa Clara County.....	1,286		
Shasta County.....	3,876		
Siskiyou County.....	5,991		
Solano County.....	900		
Sonoma County.....	1,620		
Stanislaus County.....	1,456		
Tehama County.....	3,008		
Tulare County.....	4,952		
Tuolumne County.....	2,208		
Colorado:			
Boulder County.....	751		
Conejos County.....	1,407		
Costilla County.....	1,746		
Kit Carson County.....	2,168		
Morgan County.....	1,264		
Wald County.....	3,918		
Connecticut:			
Fairfield County.....	641		
Litchfield County.....	931		
Delaware:			
Newcastle County.....	434		
State County.....	1,960		
Sussex County.....	911		
Florida:			
Alachua County.....	1,283		
Baker County.....	535		
Bradford County.....	552		
Columbia County.....	792		
De Soto County.....	3,758		
Franklin County.....	731		
Hamilton County.....	508		
Hernando County.....	475		
Hillsboro County.....	1,309		
Holmes County.....	435		
Lee County.....	4,641		
Liberty County.....	725		
Madison County.....	693		
Manatee County.....	1,275		
Marion County.....	1,640		
Nassau County.....	645		
Pasco County.....	750		
Pinellas County.....			
Polk County.....	1,967		
Putnam County.....	772		
Santa Rosa County.....	1,528		
St. Johns County.....	960		
Sumter County.....	599		
Suwanee County.....	1,689		
Walton County.....	1,384		
Washington County.....	1,425		
Georgia:			
Appling County.....	775		
Baker County.....	366		
Baldwin County.....	250		
Bartow County.....	485		
Bibb County.....	254		
Brooks County.....	463		
Bulls County.....	179		
Camden County.....			
Clay County.....	216		
Clarke County.....	159		
Clinch County.....	1,077		
California:	Square miles in area.		
Fresno area ¹	1,350	\$2,700.82	
Connecticut:			
Fruit soil investigations ¹		547.31	
Windham County ¹	515	487.43	
Florida:			
Ocala area.....	1,040	2,645.76	
Georgia:			
Chattooga County ²	326	656.21	
Ben Hill County.....	250	875.41	
Dougherty County.....	339	2,262.74	
Gwinnett County ²	510	257.49	
Troup County.....	434	2,205.65	

¹ Survey begun in fiscal year 1911.² Survey to be completed in fiscal year 1913.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Soils—Continued.</i>			
ESTIMATED.		EXPENDED.	
Georgia—Continued. Square miles in area. Coffee County..... 1,123 Crisp County..... Early County..... 503 Echols County..... 365 Elbert County..... 388 Emanuel County..... 936 Fayette County..... 215 Glascock County..... 95 Gordon County..... 387 Greene County..... 400 Gwinnett County..... 510 Habersham County..... 372 Hart County..... 257 Henry County..... 337 Irwin County..... 686 Jackson County..... 460 Jasper County..... 410 Jefferson County..... 686 Jones County..... 397 Laurens County..... 791 Lee County..... 436 Lincoln County..... 290 Lumpkin County..... 282 Miller County..... 275 Monroe County..... 480 Murray County..... 352 McDuffie County..... 258 Oconee County..... 184 Oglethorpe County..... 575 Pierce County..... 518 Polk County..... 292 Putnam County..... 348 Randolph County..... 476 Richmond County..... 272 Screven County..... 734 Taliaferro County..... 198 Tattnall County..... 1,105 Troup County..... 434 Turner County..... Upson County..... 310 Walton County..... 366 Warren County..... 298 Washington County..... 680 Wilkinson County..... 431 Worth County..... 778		Idaho: Canyon County (Payette Valley)..... Cassia County (Twin Falls Tract)..... Lincoln County..... 3,270 Washington County (Weiser Valley)..... Idaho: Jack Pine Forest..... \$233.83	
Illinois: Christian County..... 688 Cook County..... 993 Dupage County..... 348 Henry County..... 846 Iroquois County..... 1,123 Livingston County..... 1,030 Logan County..... 610 Will County..... 835		Illinois: Will County ¹ Square miles in area. 835 333.98	
Indiana: Brown County..... 317 Clark County..... 375 Dekalb County..... 369 Dubois County..... 425 Elkhart County..... 465 Fulton County..... 382 Gibson County..... 490 Kosciusko County..... 521 Lagrange County..... 393 Monroe County..... 414 Noble County..... 417 Owen County..... 380 Pulaski County..... 437 Putnam County..... 472 Steuben County..... 311 St. Joseph County..... 560 Stark County..... 314 Sullivan County..... 440 Washington County..... 523 Wayne County..... 409 White County..... 500 Whitley County..... 336		Indiana: Boone County ² 427 618.33 Montgomery County ² 508 477.17 Tipton County ² 265 618.33	
Iowa: Clinton County..... 668 Emmet County..... 398 Greene County..... 570 Humboldt County..... 432 Johnson County..... 614 Kossuth County..... 964 Pottawattamie County... 926 Poweshiek..... 576			

¹ Survey begun in fiscal year 1911.² Survey to be completed in fiscal year 1913.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Soils—Continued.</i>			
ESTIMATED.		EXPENDED.	
	Square miles in area.		Square miles in area.
Kansas:		Kansas:	
Clay County.....	651	Reno County ¹	1,246 \$2,594.56
Labette County.....	649	Shawnee County.....	548 1,062.64
Marshall County.....	900	Cherokee County ²	576 403.38
Sumner County.....	1,178	Greenwood County ²	1,155 333.49
Washington County.....	900	Jewell County ²	900 316.27
Kentucky:		Kentucky:	
Adair County.....	362	Christian County ²	694 723.58
Anderson County.....	224		
Boyle County.....	160		
Casey County.....	371		
Graves County.....	550		
Hardin County.....	616		
Henderson County.....	414		
Jefferson County.....	371		
Russell County.....	351		
Louisiana:		Louisiana:	
Avozelles Parish.....	850	East Feliciana Parish.....	454 2,310.43
Bossier Parish.....	832		
Calcasieu Parish.....	3,269		
Claiborne Parish.....	764		
Morehouse Parish.....	809		
Natchitoches Parish.....	1,275		
Plaquemines Parish.....	978		
Rapides Parish.....	1,370		
Red River Parish.....	401		
St. Landry Parish.....	1,662		
St. Bernard Parish.....	721		
St. Tammany Parish.....	874		
Sabine Parish.....	1,029		
Union Parish.....	888		
Vernon Parish.....	1,321		
Washington Parish.....	638		
Webster Parish.....	682		
Maine:			
Piscataquis County.....	3,626		
Washington County.....	2,456		
Maryland:			
Allegany County.....	442		
Baltimore County.....	656		
Carroll County.....	437		
Frederick County.....	662		
Garrett County.....	610		
Montgomery County.....	490		
Somerset County.....	362		
Washington County.....	458		
Massachusetts:		Massachusetts:	
Barnstable County.....	419	Plymouth County ¹	672 971.50
Berkshire County.....	929	Fruit soil investigations ¹	1,836.04
Suffolk County.....	51		
Worcester County.....	1,585		
Michigan:		Michigan:	
Benzie County.....	309	Genesee County ²	648 101.82
Berrien County.....	566		
Chippewa County.....	1,580		
Delta County.....	1,127		
Huron County.....	841		
Ingham County.....	546		
Isabella County.....	568		
Jackson County.....	695		
Lake County.....	575		
Leelanau County.....	355		
Lenawee County.....	742		
Livingston County.....	575		
Manistee County.....	547		
Mason County.....	501		
Menominee County.....	1,044		
Monroe County.....	572		
Muskegon County.....	522		
Newaygo County.....	851		
Oakland County.....	897		
Oceana County.....	565		
Ontonagon County.....	1,355		
Schoolcraft County.....	1,151		
Washtenaw County.....	690		
Wayne County.....	626		
Minnesota:		Minnesota:	
Aitkin County.....	1,869	Goodhue County ²	744 538.63
Carlton County.....	856		
Carver County.....	360		
Chippewa County.....	583		
Isanti County.....	446		
Nicolet County.....	452		
Nobles County.....	720		
Pine County.....	1,425		
St. Louis County.....	5,532		
Wilkin County.....	720		
Winona County.....	630		
Missouri:		Missouri:	
Adair County.....	561	Cass County ²	712 167.67
Butler County.....	702	Franklin County ¹	880 1,239.29
Barry County.....	790	Laclede County ¹	729 1,301.13
Caldwell County.....	426	Macon County ¹	828 699.22
Camden County.....	702	Miller County ²	597 202.65
Clark County.....	504	Pike County ²	620 571.41
Cole County.....	390	Platte County ¹	410 440.07
Dade County.....	493	Stoddard County ²	833 1,466.60
Dunklin County.....	531	Carroll County ²	686 439.12

¹ Survey begun in fiscal year 1911.² Survey to be completed in fiscal year 1913.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Soils—Continued.</i>			
ESTIMATED.		EXPENDED.	
Missouri—Continued.	Square miles in area.		
Greene County.....	668		
Henry County.....	740		
Howard County.....	450		
Jasper County.....	632		
Johnson County.....	835		
Lafayette County.....	604		
Lewis County.....	500		
Mississippi County.....	417		
Moniteau County.....	410		
Monroe County.....	666		
Morgan County.....	602		
New Madrid County.....	654		
Nodaway County.....	864		
Perry County.....	468		
Ripley County.....	623		
Scott County.....	416		
Schuyler County.....	302		
St. Clair County.....	705		
St. Charles County.....	456		
Texas County.....	1,157		
Vernon County.....	839		
Mississippi:			
Amite County.....	708		
Attala County.....	707		
Bolivar County.....	913		
Chickasaw County.....	507		
Claiborne County.....	505		
Clark County.....	664		
Coahoma County.....	592		
Copiah County.....	748		
Covington County.....	577		
Franklin County.....	555		
Greene County.....	819		
Grenada County.....	435		
George County.....			
Hancock County.....	611		
Harrison County.....	982		
Itawamba County.....	526		
Jackson County.....	1,073		
Jeff Davis County.....			
Jefferson County.....	519		
Jones County.....	674		
Lamar County.....			
Lawrence County.....	638		
Marion County.....	1,095		
Pearl River County.....	663		
Perry County.....	1,091		
Pike County.....	697		
Scott County.....	584		
Simpson County.....	578		
Wilkinson County.....	664		
Montana:			
Bitter Root Valley.....			
Chouteau County (part).....			
Custer County.....	20,490		
Ravalli County (part).....			
Rosebud County.....			
Reconnaissance (eastern half).....			
Teton County (part).....			
Valley County (part).....			
Nebraska:			
Boxbutte County.....	1,078		
Boyd County.....	555		
Brown County.....	1,223		
Cheyenne County.....	2,601		
Custer County.....	2,595		
Dawes County.....	1,411		
Dawson County.....	1,002		
Holt County.....	2,410		
Jefferson County.....	566		
Keyapaha County.....	772		
Lincoln County.....	2,570		
Rock County.....	1,000		
Scottsbluff County.....	725		
Sheridan County.....	2,179		
Sioux County.....	2,077		
Wheeler County.....	582		
Nevada:			
Along Salt Lake Road.....			
New Hampshire:			
Rockingham County.....	693		
Strafford County.....	394		
New Jersey:			
Bergen County.....	236		
Essex County.....	127		
New Mexico:			
Dona Ana County (part).....			
Elephant Butte Dam reclamation project.....			
Grant County (part).....			
Rio Grande Valley.....			
Mississippi:	Square miles in area.		
Forrest County ¹	460	\$215.98	
Lincoln County.....	574	1,445.28	
Warren County.....	600	1,894.59	
Wayne County ¹	788	715.67	
Winston County ¹	577	1,812.19	
Lafayette County ²	676	118.60	
Nebraska:			
Reconnaissance survey of western Nebraska ¹	53,064	11,089.09	
Otoe County ²	616	627.38	
New Jersey:			
Monmouth County ²	500	381.17	
Sussex area ¹	788	765.23	
New Mexico:			
Albuquerque area.....	275	2,067.04	
Mesilla Valley area.....	300	2,476.21	

¹ Survey began in fiscal year 1911.

² Survey to be completed in fiscal year 1913.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Soils—Continued.</i>			
ESTIMATED.		EXPENDED.	
	Square miles in area.	Square miles in area.	
New York:		New York:	
Broome County.....	696	Jefferson County ¹	1,252 \$2,497.07
Cattaraugus County.....	1,330	Oneida County ²	1,180 75.99
Chautauqua County.....	1,602	Orange County ²	849 362.76
Delaware County.....	1,531		
Herkimer County.....	1,426		
Lewis County.....	1,265		
Onondaga County.....	794		
Orleans County.....	396		
Otsego County.....	978		
Oswego County.....	974		
Rensselaer County.....	664		
Saratoga County.....	830		
Schoharie County.....	648		
Steuben County.....	1,401		
Suffolk County.....	918		
Sullivan County.....	967		
Tioga County.....	518		
Ulster County.....	1,128		
Wayne County.....	624		
North Carolina:		North Carolina:	
Anson County.....	551	Johnston County ¹	778 2,158.44
Beaufort County.....	819	Pender County.....	883 4,705.95
Bertie County.....	712	Randolph County ²	795 1,464.19
Bladen County.....	1,013		
Brunswick County.....	812		
Camden County.....	218		
Cherokee County.....	451		
Cleveland County.....	485		
Columbus County.....	937		
Cumberland County.....	1,008		
Currituck County.....	273		
Dare County.....	405		
Durham County.....	284		
Forsythe County.....	269		
Gates County.....	356		
Harnett County.....	596		
Hertford County.....	339		
Hyde County.....	596		
Jackson County.....	494		
Lenoir County (part).....	436		
Lincoln County.....	296		
Martin County.....	436		
Northampton County.....	523		
Onslow County.....	645		
Orange County.....	386		
Person County.....	386		
Rockingham County.....	573		
Rowan County (part).....	483		
Sampson County.....	921		
Stanley County.....	413		
Tyrrell County.....	387		
Vance County.....	276		
Washington County.....	334		
Wilkes County.....	718		
North Dakota:		North Dakota:	
Burleigh County.....	1,680	Barnes County ²	1,506 365.24
McLean County.....	3,348		
Oliver County.....	727		
Ramsey County.....	1,200		
Towner County.....	1,048		
Traill County.....	872		
Ward County.....	6,690		
Ohio:		Ohio:	
Belmont County.....	611	Reconnaissance survey of	
Carroll County.....	379	entire State ²	40,760 2,605.76
Crawford County.....	397	Stark County ²	546 755.08
Erie County.....	312		
Hamilton County.....	405		
Harrison County.....	370		
Huron County.....	516		
Jefferson County.....	390		
Licking County.....	665		
Logan County.....	470		
Marion County.....	502		
Monroe County.....	431		
Putnam County.....	475		
Sandusky County.....	429		
Seneca County.....	556		
Stark County.....	546		
Wyandot County.....	403		
Oklahoma:		Oklahoma:	
Adair County.....	578	Muskogee County ²	830 341.61
Bryan County.....	928		
Caddo County.....	1,377		
Cherokee County.....	791		
Choctaw County.....	790		
Cleveland County.....	554		
Craig County.....	757		
Creek County.....	962		
Delaware County.....	794		
Grady County.....	1,024		
Greer County.....	644		
Hughes County.....	855		
Kay County.....	934		
Lincoln County.....	959		
Logan County.....	739		

¹ Survey began in fiscal year 1911.

² Survey to be completed in fiscal year 1913.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Soils—Continued.</i>			
ESTIMATED.		EXPENDED.	
	Square miles in area.		
Oklahoma—Continued.			
Mayes County.....	676		
McCurtain County.....	1,897		
McIntosh County.....	661		
Nowata County.....	586		
Okfuskee County.....	623		
Okmulgee County.....	679		
Ottawa County.....	477		
Pottawatomie County.....	793		
Pushmataha County.....	1,430		
Rogers County.....	730		
Seminole County.....	633		
Sequoyah County.....	693		
Tulsa County.....	565		
Wagoner County.....	545		
Washington County.....	425		
Oregon:			
Clatsop County.....	820		
Crook County.....	7,756		
Curry County.....	1,454		
Jackson County.....	2,721		
Josephine County.....	1,684		
Lane County.....	4,380		
Linn County.....	2,311		
Malheur County.....	9,784		
Umatilla County.....	3,116		
Union County.....	3,146		
Wasco County.....	2,962		
Washington County.....	715		
Yamhill County.....	711		
Pennsylvania:			
Armstrong County.....	640		
Blair County.....	530		
Bucks County.....	620		
Cambria County.....	680		
Clinton County.....	892		
Cumberland County.....	536		
Franklin County.....	731		
Greene County.....	588		
Jefferson County.....	620		
Lawrence County.....	360		
Mercer County.....	680		
Mifflin County.....	411		
Schuylkill County.....	789		
Susquehanna County.....	823		
Union County.....	316		
Wayne County.....	834		
Wyoming County.....	409		
South Carolina:			
Abbeville County.....	682		
Aiken County.....	1,096		
Bamberg County.....	363		
Beaufort County.....	943		
Berkeley County.....	1,316		
Chesterfield County.....	823		
Colleton County.....	1,351		
Dorchester County.....	564		
Edgefield County.....	715		
Florence County.....	630		
Greenville County.....	745		
Hampton County.....	936		
Horry County.....	1,075		
Kershaw County.....	705		
Laurens County.....	684		
Lexington County.....	885		
Marion County.....	993		
Newberry County.....	594		
Richland County.....	605		
Spartanburg County.....	762		
Union County.....	495		
Williamsburg County.....	991		
South Dakota:			
Brown County.....	1,745		
Spink County.....	1,518		
Tennessee:			
Anderson County.....	350		
Bedford County.....	489		
Benton County.....	430		
Bledsoe County.....	400		
Blount County.....	552		
Bradley County.....	325		
Campbell County.....	477		
Cannon County.....	325		
Cheatham County.....	347		
Clay County.....	624		
Cocke County.....	420		
Crockett County.....	267		
Cumberland County.....	548		
Dekalb County.....	322		
Dickson County.....	600		
Dyer County.....	500		
Franklin County.....	610		
Fentress County.....	445		
Gibson County.....	625		
Grundy County.....	375		
Hamblen County.....	165		
Oregon:	Square miles in area.		
Hood River Valley ¹	200	\$1,265.50	
Rogue River Valley ²	544	2,031.10	
Pennsylvania:			
Bedford County ²	1,067	1,199.79	
Bradford County ²	1,160	1,295.53	
Lehigh County ¹	328	150.46	
York County ¹	815	1,087.52	
Reconnaissance survey, northeastern Pennsylvania ¹	7,848	1,268.89	
Reconnaissance Survey, southeastern Pennsylvania ²	10,254	350.39	
South Carolina:			
Barnwell County.....	870	5,345.00	
Chester County.....	572	1,928.36	
Fairfield County ²	756	132.63	
Tennessee:			
Putnam County ¹	430	243.34	
Robertson County ¹	500	947.98	

¹ Survey to be completed in fiscal year 1913.

² Survey begun in fiscal year 1911.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Soils—Continued.</i>			
ESTIMATED.			
	Square miles in area.		
Tennessee—Continued.			
Hamilton County.....	427		
Hawkins County.....	480		
Haywood County.....	520		
Henry County.....	625		
Hickman County.....	655		
Houston County.....	200		
Humphreys County.....	435		
Jackson County.....	325		
James County.....	160		
Jefferson County.....	310		
Knox County.....	520		
Lake County.....	128		
Lauderdale County.....	460		
Lincoln County.....	597		
Loudon County.....	230		
Macon County.....	280		
Marion County.....	504		
Maury County.....	632		
McMinn County.....	437		
Meigs County.....	210		
Monroe County.....	668		
Morgan County.....	540		
Obion County.....	505		
Pickett County.....	165		
Polk County.....	437		
Putnam County.....	430		
Rhea County.....	365		
Roane County.....	442		
Scott County.....	595		
Sequatchie County.....	263		
Shelby County.....	769		
Smith County.....	334		
Stewart County.....	495		
Trousdale County.....	107		
Union County.....	237		
Van Buren County.....	275		
Warren County.....	444		
Weakley County.....	565		
White County.....	370		
Williamson County.....	500		
Wilson County.....	552		
Texas:			
Angelina County.....	881		
Baylor County.....	957		
Bee County.....	875		
Bowie County.....	907		
Brazos County.....	510		
Brown County.....	911		
Cameron County.....	2,203		
Cass County.....	945		
Cherokee County.....	990		
Collin County.....	828		
Colorado County.....	948		
Dallam County.....	1,463		
De Witt County.....	880		
Falls County.....	844		
Fayette County.....	992		
Fannin County.....	940		
Gonzales County.....	1,079		
Hale County.....	1,036		
Hall County.....	868		
Hardeman County.....	532		
Harris County.....	1,761		
Haskell County.....	843		
Henderson County.....	940		
Hidalgo County.....	2,328		
Hill County.....	1,006		
Hood County.....	436		
Hopkins County.....	666		
Hunt County.....	888		
Hutchinson County.....	850		
Jasper County.....	888		
Jefferson County.....	977		
Jefferson County.....	1,109		
Kaufman County.....	932		
Knox County.....	947		
Leon County.....	1,066		
Limestone County.....	987		
Marion County.....	384		
Maverick County.....	1,332		
Nacogdoches County.....	962		
Navarro County.....	1,136		
Nueces County.....	2,460		
Parker County.....	888		
Polk County.....	1,110		
Rains County.....	252		
Red River County.....	1,061		
Sabine County.....	577		
San Augustine County.....	570		
Smith County.....	984		
Sarr County.....	2,510		
Tarrant County.....	900		
Taylor County.....	900		
Tom Green County.....	2,553		
Trinity County.....	704		
Victoria County.....	883		
	Square miles in area.		
Texas:			
Archer County.....	960	\$3,844.49	
Harrison County ¹	875	2,454.74	
Reconnaissance survey of southwest Texas ¹	16,416	10,962.61	

¹Survey begun in fiscal year 1911.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Soils—Continued.</i>		
ESTIMATED.	EXPENDED.	
Texas—Continued. Square miles in area.		
Walker County.....		
Waller County.....		
Webb County.....		
Wichita County.....		
Wise County.....		
Zapata County.....		
Utah:		
Cache County.....		
San Pete County.....		
Summit County.....		
Uintah County.....		
Wasatch County.....		
Vermont:		
Grand Isle County.....		
Virginia:		
Accomac County.....		
Amelia County.....		
Amherst County.....		
Botetourt County.....		
Brunswick County.....		
Buckingham County.....		
Culpeper County.....		
Dinwiddie County.....		
Essex County.....		
Fairfax County.....		
Farquier County.....		
Franklin County.....		
Greensville County.....		
King and Queen County..		
King William County....		
Lancaster County.....		
Lee County.....		
Lunenburg County.....		
Mathews County.....		
Mecklenberg County.....		
Middlesex County.....		
Nansemond County.....		
Norfolk County.....		
Northampton County....		
Northumberland County..		
Nottoway County.....		
Orange County.....		
Pittsylvania County.....		
Powhatan County.....		
Princess Anne County....		
Prince Edward County....		
Prince George County....		
Prince William County...		
Richmond County.....		
Roanoke County.....		
Russell County.....		
Spottsylvania County....		
Surry County.....		
Sussex County.....		
Washington County.....		
Westmoreland County....		
Washington:		
Asotin County.....		
Clarke County.....		
Douglas County.....		
King County.....		
Lewis County.....		
Pierce County.....		
Whitman County.....		
West Virginia:		
Boone County.....		
Greenbrier County.....		
Logan County.....		
Raleigh County.....		
Wyoming County.....		
Wisconsin:		
Adams County.....		
Bayfield County.....		
Clark County.....		
Eau Claire County.....		
Jackson County.....		
Marathon County.....		
Monroe County.....		
Sauk County.....		
Vernon County.....		
Waupaca County.....		
Wood County.....		
The amount estimated for soil survey investigation for the fiscal year 1914, which will be expended according to the needs of the various States and localities with due regard to the above considerations..... 195,000.00		
¹ Survey to be completed in fiscal year 1913.		
² Survey begun in fiscal year 1911.		
Utah: Square miles in area. Cache Valley ¹ 380 \$90.19		
Washington: Reconnaissance survey of southwest section ¹ 4,136 4,060.15 Reconnaissance survey of central section ² 1,123 419.51		
West Virginia: Huntington area..... 734 563.64 Morgantown area ² 875 761.13 Preston County ¹ 671 262.94		
Wisconsin: Bayfield area ² 329 333.62 Buffalo County ¹ 662 699.83 Columbia County ² 776 2,522.74 Dane County ¹ 1,188 167.77 Fond du Lac County ² 734 164.68 Jefferson County ¹ 548 448.69 Juneau County ² 790 1,640.18 Kewaunee County ² 341 982.83 La Crosse County ² 481 558.58 Reconnaissance survey of Northeastern Wisconsin ¹ 4,695 598.42 Investigations of soil moisture..... 3,785.10 Use of soils..... 4,383.75		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Soils—Continued.</i>			
Examination and classification of agricultural lands in forest reserves, 1914, \$20,000.	(No appropriation for 1912.)		
ESTIMATED.			
Salaries.....	\$19,200.00		
As follows:			
4 scientists, at \$1,800.....	\$7,200.00		
2 scientists, at \$1,680.....	3,360.00		
4 scientists, at \$1,560.....	6,240.00		
2 scientists, at \$1,200.....	2,400.00		
Traveling expenses.....	450.00		
Supplies and equipment.....	350.00		
Total estimate, 1914.....	20,000.00		
(No appropriation 1913.)			
<i>Activity.</i> —In the appropriation bill for the fiscal year 1913, the Forest Service is charged with the duty of examining and classifying the lands in the National Forest Reserves with a view to eliminating the lands chiefly valuable for agriculture. In complying with the requirements of this law, the Forest Service has called upon the Bureau of Soils to furnish experts to investigate and classify the soils. It is proposed in 1914 to assign at least two soil experts to each of the six National Forest districts. The Bureau of Soils will pay the salaries of these men and have general supervision of their work, and the Forest Service will pay their field expenses.			
Administrative expenses, 1914, \$3,800.			
ESTIMATED.			
Traveling expenses.....	\$100.00		
Supplies and equipment.....	2,700.00		
Miscellaneous expenses.....	1,000.00		
Total estimate, 1914.....	3,800.00		
Total appropriation, 1913.....	4,280.00		
Decrease.....	480.00		
Administrative expenses, 1912.....	\$4,640.00		
Appropriation increased by transfer of funds from soil survey.....	460.00		
Total.....	5,100.00		
EXPENDED.			
Salaries.....	\$246.50		
As follows:			
1 clerk, at \$900.....	\$207.50		
1 laborer, \$1.50 per day.....	39.00		
Traveling expenses.....	47.10		
Supplies and equipment.....	3,518.15		
Miscellaneous expenses.....	1,123.49		
Total expenditures, 1912.....	4,935.24		
Total for Bureau of Soils, including statutory salaries.....		\$372,820.00	\$301,420.00
BUREAU OF ENTOMOLOGY.			
<i>Salaries, Bureau of Entomology—</i>			
One entomologist, who shall be chief of bureau (increase of \$500 submitted) (R. S., p. 87, secs. 522, 523; act Aug. 10, 1912, vol. 37, p. 291, sec. 1).....		\$5,000.00	
One chief clerk and executive assistant (increase of \$250 submitted) (same acts).....		2,500.00	
One executive clerk (submitted).....		2,000.00	
NOTE.—One chief clerk, at \$1,800, omitted.			
Two clerks, class 4 (increase of 1 submitted in lieu of 1 chief clerk) (R. S., p. 87, secs. 522, 523; act Aug. 10, 1912, vol. 37, p. 291, sec. 1).....		3,600.00	
Three clerks, class 3 (increase of 1 submitted) (same acts).....		4,800.00	
Six clerks, class 2 (same acts).....		8,400.00	
Five clerks, class 1 (increase of 1 submitted) (same acts).....		6,000.00	
Six clerks, at \$1,000 each (increase of 1 submitted) (same acts).....		6,000.00	
NOTE.—Two clerks, at \$900 each; 1 clerk, at \$840; and 1 assistant superintendent of moth work, at \$1,080, omitted.			
One superintendent of moth work (same acts).....		2,750.00	
One entomological assistant (same acts).....		1,800.00	
Two entomological draftsmen, at \$1,400 each (same acts).....		2,800.00	
One entomological draftsman (same acts).....		1,080.00	
Four foremen, at \$1,080 each (increase of 1 submitted in lieu of 1 assistant superintendent of moth work) (same acts).....		4,320.00	
Two entomological preparators, at \$840 each (same acts).....		1,680.00	
One entomological preparator (same acts).....		720.00	
Six entomological preparators, at \$600 each (same acts).....		3,600.00	
One messenger (same acts).....		840.00	
Two messengers or laborers, at \$720 each (same acts).....		1,440.00	
One mechanic (same acts).....		840.00	
One mechanic (same acts).....		750.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>Salaries, Bureau of Entomology—Continued.</i>		
One laborer (R. S. , p. 87, secs. 522, 523; act Aug. 10, 1912 , vol. 37, p. 291, sec. 1).....	\$540.00	
Two charwomen, at \$480 each (same acts).....	960.00	
One charwoman (same acts).....	240.00	
	\$62,660.00	\$58,750.00

Appropriations for 1904.....	\$11,950	Estimates for 1905.....	\$13,400
Appropriations for 1905.....	12,450	Estimates for 1906.....	12,450
Appropriations for 1906.....	16,410	Estimates for 1907.....	21,380
Appropriations for 1907.....	19,610	Estimates for 1908.....	22,460
Appropriations for 1908.....	22,210	Estimates for 1909.....	26,360
Appropriations for 1909.....	26,160	Estimates for 1910.....	27,880
Appropriations for 1910.....	29,280	Estimates for 1911.....	29,280
Appropriations for 1911.....	29,280	Estimates for 1912.....	60,130
Appropriations for 1912.....	60,130	Estimates for 1913.....	58,630
Appropriations for 1913.....	58,750	Estimates for 1914.....	62,660

NOTE.—There is an increase of \$3,910 in the above appropriation, as follows:

PROMOTIONS.	
Chief of bureau, \$4,500 to \$5,000.....	\$500
1 executive assistant, \$2,250 to \$2,500, and change of title to chief clerk and executive assistant....	250
NEW PLACES.	
1 executive clerk.....	2,000
1 clerk, class 4.....	1,800
1 clerk, class 3.....	1,600
1 clerk, class 1.....	1,200
1 clerk.....	1,000
1 foreman.....	1,080
	\$9,430
PLACES OMITTED.	
1 chief clerk.....	1,800
2 clerks, at \$900 each.....	1,800
1 clerk.....	840
1 assistant superintendent in moth work.....	1,080
	5,520
Increase.....	3,910

General Expense, Bureau of Entomology—

For the promotion of economic entomology: for investigating the history and the habits of insects injurious and beneficial to agriculture, horticulture, [and] arboriculture, and the study of insects affecting the health of man and domestic animals, and ascertaining the best means of destroying those found to be injurious; for collating, digesting, reporting, and illustrating the results of such investigation: for salaries and the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, freight, express charges, official traveling expenses, office fixtures, supplies, apparatus, telegraph and telephone service, gas, and electric current, in connection with the following investigations:

For investigations of insects affecting deciduous fruits, orchards, vineyards, and nuts [and so forth], including [investigations of the pear thrips, cranberry insects, and apple maggots, forty thousand six hundred dollars;] insects affecting the apple, pear, peach, plum, cherry, grape, cranberry, pecan, walnut, and so forth, fifty thousand dollars (act Aug. 10, 1912 , vol. 37, p. 291, sec. 1.).....	50,000.00
For investigations of insects affecting cereal and forage plants, including [the alfalfa weevil, seventy-five thousand dollars, of which sum fifteen thousand dollars shall be immediately available;] insects affecting wheat, corn, oat, rye, barley, alfalfa, clover, and so forth, eighty thousand dollars (same act).....	80,000.00
For investigations of insects affecting southern field crops, including [the cotton-boll weevil and other insects injurious to cotton,] insects affecting cotton, tobacco, rice, [and] sugar cane, and so forth, and the Argentine ant, [and life history studies of ticks, forty-seven thousand one hundred and sixty dollars;] fifty thousand dollars (same act) ...	50,000.00
For investigations of insects affecting forests, [forty-four thousand seven hundred and fifty dollars;] fifty thousand dollars (same act).....	50,000.00
For investigations of insects affecting truck crops, [sugar beet, stored grains,] including insects affecting the potato, sugar beet, cabbage, onion, tomato, beans, peas, and so forth, and [other] insects affecting stored products, [thirty thousand dollars;] thirty-five thousand dollars (same act).....	35,000.00
For investigations in bee culture, [fifteen thousand dollars;] sixteen thousand dollars (same act).....	16,000.00
For investigations of insects affecting [citrus] tropical and subtropical fruits, including [the white fly, orange thrips, and scale insects, twenty-one thousand five hundred dollars;] insects affecting the orange, lemon, grapefruit, mango, and so forth, twenty-five thousand dollars (same act).....	25,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Entomology—Continued.</i>		
For investigations of the Mediterranean fly in the United States, its territories and possessions, thirty-five thousand dollars [which sum shall be immediately available;] (act Aug. 10, 1912, vol. 37, p. 291, sec. 1)	\$35,000.00	
For investigations of miscellaneous insects, [inspection work,] including the study of insects affecting the health of man and domestic animals, [insecticides, and] household insects, the importation and exchange of useful insects, [nineteen thousand seven hundred and forty dollars;] and experiments with insecticides and insecticide machinery, thirty thousand dollars (same act)	30,000.00	
In all, for general expenses, [three hundred and twenty-eight thousand seven hundred and fifty dollars.] three hundred and seventy-one thousand dollars	\$371,000.00	\$328,750.00
Appropriations for 1904..... \$65,500 Appropriations for 1905..... 70,000 Appropriations for 1906..... 68,060 Appropriations for 1907..... 75,000 Appropriations for 1908..... 113,800 Appropriations for 1909..... 158,800 Appropriations for 1910..... 198,400 Appropriations for 1911..... 202,900 Appropriations for 1912..... 256,950 Appropriations for 1913..... 328,750	Estimates for 1905..... \$90,000 Estimates for 1906..... 80,000 Estimates for 1907..... 113,810 Estimates for 1908..... 113,810 Estimates for 1909..... 149,240 Estimates for 1910..... 199,800 Estimates for 1911..... 197,900 Estimates for 1912..... 238,110 Estimates for 1913..... 258,450 Estimates for 1914..... 371,000	
NOTE 1.—Considerable old language is omitted from the above appropriation as shown in brackets, and new language is added as indicated in italics. These changes are recommended in order to make the several paragraphs sufficiently comprehensive to include in specific terms all of the activities of the bureau.		
The increase in the appropriation is \$42,250, as follows:		
An increase of \$9,400 for deciduous fruit insects is submitted in order to provide for several new and important lines of work, especially nursery insects and fumigation practiced in the United States, and parasitic and predatory insects affecting orchard insects; also the enlargement of the cranberry insect investigations hitherto confined to Wisconsin, so as to include the cranberry insects of the Atlantic States.		
An increase of \$5,000 is recommended in cereal and forage insects to enable the investigation of certain insects affecting the seed of alfalfa and the growing alfalfa plant, which are just coming into prominence as pests.		
An increase of \$2,840 in southern field crop insects is submitted to provide additional funds for the investigation of the cotton red spider and the probable spread of the Argentine ant into Florida.		
An increase of \$5,250 in forest insects is recommended to enable the starting of new field stations in portions of the Western States where there is urgent need, and where the bureau has not hitherto been able to establish stations.		
An increase of \$5,000 in truck crop and stored product insects is submitted for additional urgent work on sugar-beet insects and the onion thrips, and to take up the important investigation of the potato tuber worm, which is rapidly spreading over the country.		
An increase of \$1,000 for bee culture is submitted for investigations and experiments on the wintering of bees.		
An increase of \$3,500 in citrus fruit insects is recommended for the establishment of additional field stations and additional facilities for field work on insects affecting the orange, lemon, and grapefruit, etc.		
An increase of \$10,260 in miscellaneous insects is submitted to enable more extended investigations of the insects affecting the health of man and domestic animals, including studies of the insects which may be concerned in the carriage of pellagra and infantile paralysis of man, and of the different species attacking domestic animals; also to provide enlarged facilities for the introduction of beneficial insects from other countries not cared for in appropriations previously recommended.		
NOTE 2.—Salaries of entomological assistants, experts, agents, etc., carried on the lump funds named below on Aug. 1, 1912:		
GENERAL EXPENSES, BUREAU OF ENTOMOLOGY.		
DECIDUOUS FRUIT INSECTS.		
In Washington: 1 expert..... \$3,000.00 1 entomological assistant..... 1,000.00 Total..... 4,000.00		
CEREAL AND FORAGE INSECTS.		
1 expert..... 3,000.00 1 expert..... 1,600.00 Total..... 4,600.00		
FOREST INSECTS.		
1 expert..... 3,000.00 1 agent and expert..... 1,400.00 1 draftsman..... 960.00 4 entomological preparators, at \$600 each..... 2,400.00 1 student assistant..... 300.00 Total..... 8,060.00		
TRUCK CROP INSECTS.		
1 entomologist..... 3,000.00 1 entomological assistant..... 1,800.00 3 entomological preparators, at \$600 each..... 1,800.00 Total..... 6,600.00		
BEE CULTURE.		
1 expert..... 2,750.00 1 expert..... 2,250.00 1 expert..... 1,600.00 1 apicultural assistant..... 1,600.00 2 apicultural assistants, at \$1,400 each..... 2,800.00 Total..... 11,000.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Entomology—Continued.</i>		
CITRUS FRUIT INSECTS.		
In Washington—Continued.		
1 scientific assistant.....	\$1,600.00	
1 entomological assistant.....	1,400.00	
1 entomological assistant.....	1,200.00	
Total.....	4,200.00	
MISCELLANEOUS INSECTS.		
2 assistants, at \$2,000 each.....	4,000.00	
1 expert, at \$2,500 (1 month).....	208.33	
1 expert.....	1,800.00	
2 assistants, at \$1,600 each.....	3,200.00	
1 expert.....	1,500.00	
1 assistant.....	1,400.00	
1 entomological preparator.....	600.00	
1 student assistant.....	300.00	
Total.....	13,008.33	
DECIDUOUS FRUIT INSECTS.		
Out of Washington:		
1 agent and expert.....	1,800.00	
3 entomological assistants, at \$1,800 each.....	5,400.00	
1 special field agent.....	1,600.00	
1 entomological assistant.....	1,600.00	
3 entomological assistants, at \$1,400 each.....	4,200.00	
1 entomological assistant.....	1,200.00	
1 expert.....	1,200.00	
2 entomological assistants, at \$1,000 each.....	2,000.00	
1 agent.....	1,000.00	
1 agent.....	780.00	
1 agent, 2½ months, at \$50 per month.....	125.00	
Total.....	20,905.00	
CEREAL AND FORAGE INSECTS.		
1 entomological assistant.....	\$2,000.00	
2 entomological assistants, at \$1,800 each.....	3,600.00	
4 agents and experts, at \$1,600 each.....	6,400.00	
1 entomological assistant.....	1,400.00	
1 scientific assistant.....	1,400.00	
1 agent.....	1,400.00	
4 agents and experts, at \$1,400 each.....	5,600.00	
3 entomological assistants, at \$1,200 each.....	3,600.00	
3 experts, at \$1,200 each.....	3,600.00	
2 agents, at \$1,200 each.....	2,400.00	
1 agent.....	600.00	
1 collaborator, at \$300 (2 months).....	50.00	
Total.....	32,050.00	
SOUTHERN FIELD CROP INSECTS.		
1 expert.....	3,000.00	
1 agent and expert.....	2,250.00	
2 entomological assistants, at \$2,000 each.....	4,000.00	
1 entomological assistant.....	1,800.00	
3 entomological assistants, at \$1,600 each.....	4,800.00	
1 expert.....	1,600.00	
1 scientific assistant.....	1,400.00	
1 entomological assistant.....	1,400.00	
1 agent, at \$1,400 (29 days).....	112.78	
1 entomological assistant, at \$1,200 (4 months).....	400.00	
3 entomological assistants, at \$1,200 each.....	3,600.00	
2 agents and experts, at \$1,200 each.....	2,400.00	
2 experts, at \$1,200 each.....	2,400.00	
1 unskilled laborer.....	720.00	
1 agent.....	600.00	
1 entomological assistant.....	340.00	
1 collaborator.....	300.00	
3 collaborators, at \$12 each.....	36.00	
Total.....	31,158.78	
FOREST INSECTS.		
2 entomological assistants, at \$2,000 each.....	4,000.00	
3 agents and experts, at \$1,600 each.....	4,800.00	
1 entomological assistant.....	1,400.00	
1 agent and expert.....	1,300.00	
1 entomological assistant.....	1,200.00	
1 agent.....	1,200.00	
1 expert.....	1,200.00	
5 agents, at \$1,080 each.....	5,400.00	
1 agent.....	1,000.00	
2 agents, at \$960 each.....	1,920.00	
2 agents, at \$900 each.....	1,800.00	
1 agent.....	360.00	
Total.....	25,580.00	
TRUCK CROP INSECTS.		
1 entomological assistant.....	1,800.00	
1 agent.....	1,600.00	
1 agent.....	1,400.00	
1 entomological assistant.....	1,400.00	
1 entomological assistant.....	1,200.00	
1 agent.....	1,000.00	
1 agent.....	600.00	
1 collaborator.....	120.00	
3 collaborators, at \$12 each.....	36.00	
Total.....	9,156.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Entomology—Continued.</i>			
BEE CULTURE.			
Out of Washington—Continued.			
1 expert, at \$1,500 (2 months).....	\$250.00		
CITRUS FRUIT INSECTS.			
1 entomologist and acting chief.....	3,500.00		
1 expert, at \$2,500 (9 days).....	62.50		
1 special agent.....	2,000.00		
1 expert.....	2,000.00		
1 scientific assistant.....	1,400.00		
2 agents and experts, at \$1,400 each.....	2,800.00		
1 unskilled laborer.....	840.00		
1 collaborator.....	12.00		
Total.....	12,614.50		
NOTE 3.—In accordance with the provisions of section 6 of the sundry civil act approved August 24, 1912 (Public 302), the following matter relative to the foregoing appropriation is submitted:			
(1914, \$371,000.)	GENERAL EXPENSES, BUREAU OF ENTOMOLOGY.	(1912, \$256,950.)	
Deciduous fruit insect investigations, 1914, \$50,000.	Deciduous fruit insect investigations, 1912, \$41,200.		
	(Original subappropriation of \$39,700 increased by transfer of \$1,500 from other subappropriations.)		
ESTIMATED.	EXPENDED.		
Salaries.....	\$34,800.00	Salaries.....	\$26,872.76
As follows:		As follows:	
1 expert in charge, \$3,000.		1 expert in charge, \$3,000.	
5 entomological assistants, at \$1,800 each.		4 entomological assistants, at \$1,800 each.	
7 entomological assistants, at \$1,600 each.		2 entomological assistants, at \$1,600 each.	
5 entomological assistants, at \$1,400 each.		4 entomological assistants, at \$1,400 each.	
2 entomological assistants, at \$1,200 each.		2 entomological assistants, at \$1,200 each.	
Temporary miscellaneous employees, \$2,200.		5 entomological assistants, at \$1,000 each.	
Traveling expenses.....	9,600.00	Temporary miscellaneous employees, \$472.76.	
Supplies and equipment.....	3,600.00	Traveling expenses.....	8,943.47
Miscellaneous expenses.....	2,000.00	Supplies and equipment.....	2,866.30
Total estimate, 1914.....	50,000.00	Miscellaneous expenses.....	1,627.42
Total appropriation, 1913.....	40,600.00	Total expenditures, 1912.....	40,309.95
Increase.....	9,400.00		
Activities:		Activities:	
Codling moth.....	5,000.00	Codling moth.....	6,000.00
Pear thrips.....	5,000.00	Plum curculio.....	3,000.00
Grape phylloxera.....	5,000.00	Pear thrips.....	8,500.00
Demonstration spraying.....	3,000.00	Grape phylloxera.....	5,000.00
Grapeworm, berry moth, etc.....	3,000.00	Demonstration spraying.....	3,000.00
Parasitic insects.....	2,000.00	Grapeworm, berry moth, etc.....	3,500.00
Insecticides.....	3,000.00	Parasitic insects.....	2,000.00
Woolly apple aphid.....	5,000.00	Insecticide studies.....	2,000.00
Cranberry insects.....	5,000.00	Work at Washington.....	5,109.95
Nut insects.....	5,000.00	Fixed charges, etc.....	2,200.00
Work at Washington.....	6,000.00	Total.....	40,309.95
Fixed charges, etc.....	3,000.00		
Total.....	50,000.00		
Cereal and forage insects, 1914, \$80,000.		Cereal and forage insects, 1912.....	40,000.00
		Immediately available.....	10,000.00
		Total.....	50,000.00
ESTIMATED.	EXPENDED.		
Salaries.....	\$47,200.00	Salaries.....	36,392.68
As follows:		As follows:	
1 entomologist, \$3,000.		1 expert in charge, \$3,000.	
1 entomological assistant, \$2,000.		1 entomological assistant, \$2,000.	
3 entomological assistants, at \$1,800 each.		3 entomological assistants, at \$1,800 each.	
7 entomological assistants, at \$1,600 each.		5 entomological assistants, at \$1,600 each.	
1 entomological assistant, at \$1,700.		5 entomological assistants, at \$1,400 each.	
1 entomological assistant, at \$1,500.		7 entomological assistants, at \$1,200 each.	
5 entomological assistants, at \$1,400 each.		2 entomological assistants, at \$1,000 each.	
10 entomological assistants, at \$1,200 each.		1 collaborator, \$300.	
Temporary field assistants, \$2,500.		Temporary miscellaneous employees, \$292.68.	
1 unskilled laborer, \$900.		Traveling expenses.....	8,946.78
Traveling expenses.....	18,500.00	Supplies and equipment.....	3,139.07
Supplies and equipment.....	10,000.00	Miscellaneous expenses.....	1,414.55
Miscellaneous expenses.....	4,300.00	Total expenditures, 1912.....	49,893.08
Total estimate, 1914.....	80,000.00		
Total appropriation, 1913.....	75,000.00		
Increase.....	5,000.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Entomology—Continued.</i>			
Activities:		Activities:	
Alfalfa weevil.....	\$25,000.00	Alfalfa weevil.....	\$10,000.00
White grub.....	8,000.00	White grub.....	2,500.00
Fall army worm.....	5,000.00	Joint worm.....	5,000.00
Cutworm, including western army worm.....	5,000.00	Corn-root worm.....	3,000.00
Joint worm.....	5,000.00	Corn-root aphids.....	3,000.00
Wireworm.....	5,000.00	Chinch bug.....	4,000.00
Hessian fly.....	4,000.00	Hessian fly.....	4,000.00
Chinch bug.....	4,000.00	Spring grain aphids.....	7,000.00
Alfalfa-seed chalcid.....	6,000.00	Jassids.....	3,000.00
Aphis maidis.....	3,000.00	Corn billbug.....	3,000.00
Corn-root worm.....	5,000.00	Clover insects.....	2,500.00
Soy bean and cowpea insects.....	3,000.00	Soy bean and cowpea insects.....	2,893.08
False wireworm.....	1,000.00	Total.....	49,893.08
Clover-stem borer.....	1,000.00		
Total.....	80,000.00		
Southern field-crop insects, 1914, \$50,000.		Southern field-crop insects, 1912, \$47,160.	
ESTIMATED.		EXPENDED.	
Salaries.....	\$32,000.00	Salaries.....	\$30,842.84
As follows:		As follows:	
1 expert, at \$3,000.		1 expert in charge, at \$3,000.	
3 entomological assistants, at \$2,250 each.		1 entomological assistant, at \$2,250.	
2 entomological assistants, at \$2,000 each.		1 entomological assistant, at \$2,000.	
2 entomological assistants, at \$1,800 each.		1 entomological assistant, at \$1,800.	
2 entomological assistants, at \$1,600 each.		4 entomological assistants, at \$1,600 each.	
2 entomological assistants, at \$1,400 each.		3 entomological assistants, at \$1,400 each.	
4 entomological assistants, at \$1,200 each.		7 entomological assistants, at \$1,200 each.	
4 entomological assistants, at \$1,200 each.		1 collaborator, at \$340.	
Temporary miscellaneous employees, \$1,050.		1 collaborator, at \$300.	
Traveling expenses.....	14,000.00	4 collaborators, at \$12.	
Supplies and equipment.....	2,500.00	1 laborer, at \$720.	
Miscellaneous expenses.....	1,500.00	Temporary miscellaneous employees, \$1,024.84.	
Total estimate, 1914.....	50,000.00	Traveling expenses.....	12,939.67
Total appropriation, 1913.....	47,160.00	Supplies and equipment.....	1,632.41
Increase.....	2,840.00	Miscellaneous expenses.....	1,621.68
Activities:		Total expenditures, 1912.....	47,036.60
Tobacco insect investigations.....	12,000.00	Activities:	
Boll weevil investigations.....	12,000.00	Tobacco insect investigations.....	9,000.00
Red spider investigations.....	5,000.00	Boll weevil investigations.....	15,000.00
Sugar-cane insect investigations.....	5,000.00	Tick investigations.....	6,000.00
Argentine ant investigations.....	6,000.00	Red spider investigations.....	3,000.00
Rice insect investigations.....	3,000.00	Sugar-cane insect investigations.....	3,000.00
Miscellaneous cotton insects.....	3,500.00	Argentine ant investigations.....	3,000.00
Miscellaneous southern field-crop insects.....	3,500.00	Rice insect investigations.....	2,000.00
Total.....	50,000.00	Miscellaneous cotton insects.....	3,000.00
Forest insects, 1914, \$50,000.		Miscellaneous southern field-crop insects.....	3,036.60
		Total.....	47,036.60
		Forest insects, 1912, \$43,250.	
		(Original subappropriation of \$44,750 decreased by transfer of \$1,500 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	33,500.00	Salaries.....	\$28,670.50
As follows:		As follows:	
1 expert, \$3,000.		1 expert, \$3,000.	
1 entomological assistant, \$2,000.		1 entomological assistant, \$2,000.	
1 entomological assistant, \$1,800.		1 entomological assistant, \$1,800.	
3 entomological assistants, \$1,600 each.		2 entomological assistants, \$1,600 each.	
4 entomological assistants, \$1,400 each.		2 entomological assistants, \$1,400 each.	
1 entomological assistant, \$1,320.		1 entomological assistant, \$1,300.	
1 entomological assistant, \$1,300.		1 entomological assistant, \$1,200.	
1 entomological assistant, \$1,200.		8 agents, \$1,080 each.	
8 agents, \$1,080 each.		4 agents, \$960 each.	
4 agents, \$960 each.		Temporary miscellaneous employees, \$890.50.	
Traveling expenses.....	12,000.00	Traveling expenses.....	9,850.75
Supplies and equipment.....	4,000.00	Supplies and equipment.....	4,116.29
Miscellaneous expenses.....	500.00	Miscellaneous expenses.....	204.29
Total estimate, 1914.....	50,000.00	Total expenditures, 1912.....	42,841.83
Total appropriation, 1913.....	44,750.00		
Increase.....	5,250.00	Activities:	
Activities:		Western field work.....	20,000.00
Western field work.....	20,000.00	Insect depredations on coniferous forest trees, \$8,000.	
Insect depredations on coniferous forest trees, \$8,000.		Insect damage to the wood of fire-killed and insect-killed timber, \$3,000.	
Insect damage to the wood of fire-killed and insect-killed timber, \$3,000.		Insect damage to forest products, \$2,000.	
Insect damage to forest products, \$2,000.		Insect damage to forest-tree seeds and reproduction, \$3,000.	
Insect damage to forest-tree seeds and reproduction, \$3,000.		Demonstrations of practical control and prevention, \$4,000.	
Demonstrations of practical control and prevention, \$4,000.			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Entomology—Continued.</i>			
Activities—Continued.		Activities—Continued.	
Middle States, including Washington offices.....	\$15,000.00	Middle States, including Washington offices.....	\$14,000.00
Executive; preparation of publications, preparation of collections, scientific investigation of collected material, \$5,000.		Executive; preparation of publications, preparation of collections, scientific investigation of collected material, \$7,000.	
Insect depredations on hickory, oak, and other hardwood forest trees and conifers, \$3,000.		Insect depredations on hickory, oak, and other hardwood forest trees and conifers, \$4,000.	
Insect damage to forest products, \$4,000.		Insect damage to forest products, \$3,000.	
Insect damage to forest-tree seeds and reproduction, \$1,000.			
Demonstrations of practical control and prevention, \$2,000.			
Southern States.....	6,000.00	Southern States.....	5,000.00
Insect depredations on pine timber, \$1,500.		Insect depredations on pine timber, \$1,000.	
Insect depredations on oak timber, \$1,000.		Insect depredations on oak timber, \$500.	
Insect damage to forest products, \$1,000.		Insect damage to forest products, \$200.	
Demonstrations of practical control and prevention, \$2,500.		Demonstrations of practical control and prevention, \$3,300.	
Northern States.....	9,000.00	Northern States.....	3,841.83
Insect depredations on hickory, oak, and other hardwood trees, \$4,000.		Insect depredations on hickory, oak, and other hardwood trees, \$1,500.	
Insect damage to spruce and hemlock, \$2,000.		Insect damage to spruce and hemlock, \$500.	
Insect damage to forest products, \$2,000.		Insect damage to forest products, \$1,841.83.	
Practical demonstrations of control and prevention, \$1,000.			
Total.....	50,000.00	Total.....	42,841.83
Truck crop and stored product insect investigations, 1914, \$35,000.		Truck crop and stored product insect investigations, 1912, \$19,100.	
ESTIMATED.		EXPENDED.	
Salaries.....	\$21,000.00	Salaries.....	\$14,522.41
As follows:		As follows:	
1 entomologist, at \$3,500.		1 expert in charge, at \$3,000.	
3 entomological assistants, at \$1,800 each.		2 entomological assistants, at \$1,800 each.	
2 entomological assistants, at \$1,600 each.		1 entomological assistant, at \$1,600.	
1 entomological assistant, at \$1,400.		2 entomological assistants, at \$1,400 each.	
1 artist, at \$1,400.		1 entomological assistant, at \$1,200.	
1 entomological assistant, at \$1,200.		1 entomological assistant, at \$1,000.	
1 entomological assistant, at \$1,000.		1 collaborator, at \$120.	
1 agent, at \$720.		2 collaborators, at \$24 each.	
2 preparators, at \$720 each.		Temporary miscellaneous employees, \$1,178.41.	
1 preparator, at \$600.			
Temporary miscellaneous employees, \$1,140.			
Traveling expenses.....	10,000.00	Traveling expenses.....	3,331.32
Supplies and equipment.....	3,000.00	Supplies and equipment.....	995.09
Miscellaneous expenses.....	1,000.00	Miscellaneous expenses.....	69.43
Total estimate, 1914.....	35,000.00	Total expenditures, 1912.....	18,918.25
Total appropriation, 1913.....	30,000.00		
Increase.....	5,000.00		
Activities:		Activities:	
Sugar-beet insects.....	5,000.00	Sugar-beet insects.....	5,000.00
Potato-tuber moth.....	5,000.00	Potato-tuber moth.....	500.00
Onion thrips.....	5,000.00	Onion thrips.....	300.00
Insects on stored products.....	5,000.00	Insects on stored products.....	5,000.00
Cabbage pests.....	5,000.00	Cabbage pests.....	3,000.00
Miscellaneous truck-crop pests.....	5,000.00	Miscellaneous truck-crop pests.....	4,118.25
Experimenting with arsenicals.....	5,000.00	Experimenting with arsenicals.....	1,000.00
Total.....	35,000.00	Total.....	18,918.25
Bee culture, 1914, \$16,000.		Bee culture, 1912, \$15,000.	
ESTIMATED.		EXPENDED.	
Salaries.....	\$13,424.00	Salaries.....	12,470.66
As follows:		As follows:	
1 expert, at \$2,750.		1 expert, at \$2,750.	
1 apicultural assistant, at \$2,250.		1 apicultural assistant, at \$2,250.	
2 apicultural assistants, at \$1,600 each.		2 apicultural assistants, at \$1,600 each.	
2 apicultural assistants, at \$1,400 each.		2 apicultural assistants, at \$1,400 each.	
2 apicultural assistants, at \$1,200 each.		1 apicultural assistant, at \$1,200.	
2 collaborators, at \$12 each.		3 collaborators, at \$12 each.	
Temporary miscellaneous employees, \$234.66.		Temporary miscellaneous employees, \$234.66.	
Traveling expenses.....	500.00	Traveling expenses.....	821.32
Supplies and equipment.....	1,500.00	Supplies and equipment.....	1,354.26
Miscellaneous expenses.....	576.00	Miscellaneous expenses.....	207.10
Total estimate, 1914.....	16,000.00	Total expenditures, 1912.....	14,853.34
Total appropriation, 1913.....	15,000.00		
Increase.....	1,000.00		
Activities:		Activities:	
Bee diseases.....	5,000.00	Bee diseases.....	5,000.00
Development of bee.....	3,000.00	Development of bee.....	3,000.00
Behavior of bee.....	3,000.00	Behavior of bee.....	3,000.00
Wintering of bees.....	5,000.00	Production of honey.....	3,853.34
Total.....	16,000.00	Total.....	14,853.34

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
General Expenses, Bureau of Entomology—Continued.			
Subtropical fruit insects, 1914, \$25,000.		Citrus fruit insects, 1912, \$21,500.	
ESTIMATED.		EXPENDED.	
Salaries.....	\$17,272.00	Salaries.....	\$15,343.99
As follows:		As follows:	
1 entomologist, at \$3,500.		1 entomologist, at \$3,500.	
2 entomological assistants, at \$2,000 each.		1 entomological assistant, at \$2,000.	
1 scientific assistant, at \$1,600.		2 entomological assistants, at \$1,600 each.	
3 entomological assistants, at \$1,400 each.		3 entomological assistants, at \$1,400 each.	
2 entomological assistants, at \$1,200 each.		2 entomological assistants, at \$1,200 each.	
1 unskilled laborer, \$840.		1 collaborator, \$12.	
1 entomological preparator, at \$720.		Temporary miscellaneous employees, \$31.99.	
1 collaborator, at \$12.		Traveling expenses.....	4,641.11
Traveling expenses.....	6,072.00	Supplies and equipment.....	553.65
Supplies and equipment.....	1,228.00	Miscellaneous expenses.....	495.10
Miscellaneous expenses.....	428.00		
Total estimate, 1914.....	25,000.00	Total expenditures, 1912.....	21,033.85
Total appropriation, 1913.....	21,500.00		
Increase.....	3,500.00		
Activities:		Activities:	
White fly.....	3,000.00	White Fly.....	6,000.00
Orange thrips.....	5,000.00	Orange thrips.....	5,500.00
Importation of white-fly parasites.....	5,000.00	Importation of white-fly parasites.....	5,000.00
Inspection.....	5,000.00	Inspection.....	4,533.85
Hydrocyanic acid gas.....	5,000.00		
Other subtropical insects.....	2,000.00		
Total.....	25,000.00	Total.....	21,033.85
Mediterranean fruit fly, 1914, \$35,000.		Mediterranean fruit fly, 1912. (No appropriation.)	
ESTIMATED.			
Salaries.....	\$18,500.00		
As follows:			
1 entomological assistant, at \$2,500.			
1 entomological assistant, at \$1,800.			
1 entomological assistant, at \$1,400.			
2 inspectors, at \$1,200 each.			
9 inspectors, at \$900 each.			
Temporary miscellaneous employees \$2,300.			
Traveling expenses.....	10,000.00		
Supplies and equipment.....	2,500.00		
Miscellaneous expenses.....	4,000.00		
Total estimate, 1914.....	35,000.00		
Total appropriation, 1913.....	35,000.00		
Activities:			
Determination of life history, food habits and means of control, and carrying out control measures in Honolulu and vicinity and in vicinity of other export towns in Hawaii, primarily, to lessen the danger of the carriage of the insect on vessels or with passengers from the islands to the mainland, and, secondarily, to control and reduce the damage locally.....	20,000.00		
Quarantine and inspection service at Pacific coast ports of entry.....	10,000.00		
Investigation of infestation in Mediterranean and other regions as a basis for possible quarantine measures.....	5,000.00		
Total.....	35,000.00		
Miscellaneous insects, 1914, \$30,000.		Miscellaneous insects, 1912, \$19,740.	
ESTIMATED.		EXPENDED.	
Salaries.....	\$20,040.00	Salaries.....	\$15,946.49
As follows:		As follows:	
2 entomological assistants, \$2,000 each.		2 entomological assistants, \$2,000 each.	
3 entomological assistants, \$1,800 each.		2 entomological assistants, \$1,800 each.	
4 entomological assistants, \$1,600 each.		2 entomological assistants, \$1,600 each.	
2 entomological assistants, \$1,400 each.		1 entomological assistant, \$1,400.	
2 entomological preparators, \$720 each.		1 entomological preparator, \$840.	
Traveling expenses.....	5,000.00	1 entomological preparator, \$600.	
Supplies and equipment.....	2,500.00	Temporary miscellaneous employees, \$2,306.49.	
Miscellaneous expenses.....	2,460.00	Traveling expenses.....	698.99
Total estimate, 1914.....	30,000.00	Supplies and equipment.....	2,610.50
Total appropriation, 1913.....	19,740.00	Miscellaneous expenses.....	157.97
Increase.....	10,260.00	Total expenditures, 1912.....	19,413.95

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Entomology—Continued.</i>			
Activities:		Activities:	
Study of insects affecting health of man and domestic animals.....	\$10,000.00	Study of insects affecting health of man and domestic animals.....	\$2,500.00
Investigation of household insects....	2,500.00	Inspection work.....	2,500.00
The importation and exchange of useful insects.....	5,000.00	The importation and exchange of useful insects.....	3,500.00
Experiments with insecticides and insecticide machinery.....	5,000.00	Experiments with insecticides and insecticide machinery.....	2,000.00
Miscellaneous insect investigations....	7,500.00	Miscellaneous insect investigations....	8,913.95
Total.....	30,000.00	Total.....	19,413.95
<i>Preventing Spread of Moths—</i>			
To enable the Secretary of Agriculture to meet the emergency caused by the continued spread of the gypsy and brown-tail moths by establishing and maintaining a quarantine against further spread in such manner as he shall deem best, in cooperation with the authorities of the different States concerned and with the several State experiment stations, including rent outside of the District of Columbia, the employment of labor in the city of Washington and elsewhere, and all other necessary expenses, [two hundred and eighty-four thousand eight hundred and forty dollars.] <i>three hundred thousand dollars</i> (Act Aug. 10, 1912, vol. 37, p. 292, sec. 1).....		\$300,000.00	\$284,840.00
Appropriations for 1907.....	\$82,500	Estimates for 1908.....	\$82,500
Appropriations for 1908.....	150,000	Estimates for 1909.....	150,000
Appropriations for 1909.....	250,000	Estimates for 1910.....	300,000
Appropriations for 1910.....	300,000	Estimates for 1911.....	300,000
Appropriations for 1911.....	300,000	Estimates for 1912.....	284,840
Appropriations for 1912.....	284,840	Estimates for 1913.....	284,840
Appropriations for 1913.....	284,840	Estimates for 1914.....	300,000
NOTE 1.—An increase of \$15,160 in the appropriation for preventing spread of moths is submitted since, in spite of all efforts, there is a gradual annual extension of the ravages of the gypsy and brown-tail moths, and consequently a greater territory to be covered by the employees of the bureau. The small increase recommended will enable more effective work.			
NOTE 2.—Salaries of special agents, experts, collaborators, laborers, etc., carried on the lump-fund roll named below on Aug. 1, 1912:			
PREVENTING SPREAD OF MOTHS, BUREAU OF ENTOMOLOGY.			
In Washington:			
1 expert.....		\$1,800.00	
1 expert.....		1,600.00	
1 assistant.....		1,400.00	
Total.....		4,800.00	
Out of Washington:			
1 agent.....		2,500.00	
2 agents and experts, at \$2,250 each.....		4,500.00	
2 experts, at \$1,500 each.....		3,000.00	
3 entomological assistants, at \$1,400 each.....		4,200.00	
1 expert.....		1,400.00	
1 entomological assistant.....		1,200.00	
1 expert.....		1,200.00	
6 agents, at \$1,200 each.....		7,200.00	
1 entomological assistant.....		900.00	
1 special agent.....		900.00	
5 agents, at \$900 each.....		4,500.00	
1 collaborator.....		180.00	
3 collaborators, at \$12 each.....		36.00	
Total.....		31,716.00	
NOTE 3.—In accordance with the provisions of section 6 of the sundry civil act approved Aug. 24, 1912 (Public, No. 302), the following matter relative to the foregoing appropriation is submitted:			
(1914: \$300,000.) PREVENTING SPREAD OF MOTHS, BUREAU OF ENTOMOLOGY. (1912: \$284,840.)			
Preventing spread of moths, 1914, \$300,000.		Preventing spread of moths, 1912, \$284,840.	
ESTIMATED.		EXPENDED.	
Salaries.....	\$245,000.00	Salaries.....	\$219,430.37
As follows:		As follows:	
3 entomological assistants, at \$2,500 each.....		1 entomological assistant, at \$2,500.	
2 entomological assistants, at \$1,600 each.....		2 entomological assistants, at \$2,250 each.....	
4 entomological assistants, at \$1,400 each.....		1 entomological assistant, at \$1,800.	
10 entomological assistants, at \$1,200 each.....		1 entomological assistant, at \$1,600.	
50 foremen, at \$864 each.....		4 entomological assistants, at \$1,400 each.....	
125 scouts, at \$768 each.....		5 entomological assistants, at \$1,200 each.....	
115 laborers, at \$672 each.....		5 entomological assistants, at \$900 each.....	
Temporary miscellaneous force, \$220.		1 collaborator, at \$180.	
		4 collaborators, at \$12 each.....	
		3 general foremen, at \$1,050 each.....	
		10 spray foremen, at \$1,080 each.....	
		30 foremen, at \$860 each.....	
		84 scouts, at \$770 each.....	
		128 laborers, at \$675 each.....	
		Temporary miscellaneous employees, \$1,872.37.	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>Preventing Spread of Moths—Continued.</i>			
Traveling expenses.....	\$30,000.00	Traveling expenses.....	\$28,009.87
Supplies and equipment.....	15,000.00	Supplies and equipment.....	7,904.42
Miscellaneous expenses.....	10,000.00	Miscellaneous expenses.....	1,375.68
Total estimate, 1914.....	300,000.00	Total expenditures, 1912.....	256,720.34
Total appropriation, 1913.....	284,840.00		
Increase.....	15,160.00		
Activities, 1914:		Activities, 1912:	
Gipsy Moth Laboratory, including work on parasites, disease, and secondary enemies.....	79,000.00	Gipsy Moth Laboratory.....	84,840.00
Work on frontier towns along western border, and scouting work in advance of known spread.....	100,000.00	Field work.....	171,880.34
Headquarters, interior work, and north and east boundaries.....	121,000.00		
Total.....	300,000.00	Total.....	256,720.34
<i>Administrative Expenses, Bureau of Entomology—</i>			
<i>For general administrative expenses connected with the above-mentioned lines of investigation under "General Expenses, Bureau of Entomology," and "Preventing Spread of Moths," including the office of the chief, the chief clerk and executive assistant in charge of publications, accounts, records, supplies, and property, and for supplies and miscellaneous expenses incident thereto, ten thousand dollars.....</i>		\$10,000.00	
NOTE.—This is a new item and an increase of \$10,000. It is to provide for miscellaneous expenses of the Washington office connected with the general administrative work relating to the various appropriations under "General expenses, Bureau of Entomology," and the appropriation for preventing spread of moths.			
Total for Bureau of Entomology, including statutory salaries.....		743,660.00	\$672,340.00
BUREAU OF BIOLOGICAL SURVEY.			
<i>Salaries, Bureau of Biological Survey—</i>			
One biologist, who shall be chief of bureau (increase of \$500 submitted) (R. S., p. 87, secs. 522-523; act Aug. 10, 1912, vol. 37, p. 292, sec. 1).....		\$4,000.00	
One chief clerk (same acts).....		1,800.00	
One clerk, class 4 (same acts).....		1,800.00	
Two clerks, class 3 (increase of 1 submitted) (same acts).....		3,200.00	
Three clerks, class 2 (increase of 1 submitted) (same acts).....		4,200.00	
Four clerks, class 1 (increase of 1 by transfer from lump fund) (same acts).....		4,800.00	
Three clerks, at \$1,000 each (same acts).....		3,000.00	
Two clerks, at \$900 each (same acts).....		1,800.00	
One messenger (same acts).....		720.00	
One photographer (same acts).....		1,300.00	
One game warden (same acts).....		1,200.00	
One draftsman (same acts).....		900.00	
One messenger, messenger boy, or laborer (same acts).....		480.00	
One laborer (same acts).....		600.00	
One charwoman (by transfer from lump fund) (same acts).....		240.00	
		30,040.00	25,100.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.		
<i>Salaries, Bureau of Biological Survey—Continued.</i>				
Appropriations for 1904.....	\$17,850	Estimates for 1905.....	\$19,300	
Appropriations for 1905.....	17,850	Estimates for 1906.....	19,950	
Appropriations for 1906.....	7,580	Estimates for 1907.....	9,280	
Appropriations for 1907.....	7,580	Estimates for 1908.....	9,780	
Appropriations for 1908.....	7,580	Estimates for 1909.....	9,780	
Appropriations for 1909.....	7,580	Estimates for 1910.....	13,000	
Appropriations for 1910.....	13,000	Estimates for 1911.....	15,400	
Appropriations for 1911.....	15,400	Estimates for 1912.....	25,100	
Appropriations for 1912.....	24,000	Estimates for 1913.....	25,100	
Appropriations for 1913.....	25,100	Estimates for 1914.....	30,040	
<p>NOTE.—An increase of \$500 is submitted in the salary of the chief of bureau, and 1 clerk of class 3 and 1 clerk of class 2 have been added. One clerk of class 1 and 1 charwoman at \$240 have also been added by transfer from the lump fund and that fund reduced accordingly. Apparent increase, \$4,940; actual increase, \$3,500.</p>				
<i>General Expenses, Bureau of Biological Survey—</i>				
For salaries and employment of labor in the city of Washington and elsewhere, furniture, supplies, traveling and all other expenses necessary in conducting investigations and carrying out the work of the bureau, as follows:				
For the enforcement of sections two hundred and forty-one, two hundred and forty-two, two hundred and forty-three, and two hundred and forty-four of the act approved March fourth, nineteen hundred and nine, entitled "An act to codify, revise, and amend the penal laws of the United States," and for the enforcement of section one of the act approved May twenty-fifth, nineteen hundred, entitled "An act to enlarge the powers of the Department of Agriculture, prohibit the transportation by interstate commerce of game killed in violation of local laws, and for other purposes," [twelve thousand dollars;] <i>eighteen thousand dollars</i> (acts May 25, 1900, vol. 31, p. 187, secs. 1-5; Aug. 10, 1912, vol. 37, p. 292, sec. 1.).....				\$18,000.00
For the maintenance of the Montana National Bison Range and other reservations [for mammals and birds,] <i>under supervision of the Biological Survey, including construction of fencing, warden's quarters, shelters for animals, landings, roads, trails, bridges, ditches, telephone lines, rock work, bulkheads, and other improvements necessary for the economical administration and protection of the reservations,</i> and for the enforcement of section eighty-four of the act approved March fourth, nineteen hundred and nine, entitled "An act to codify, revise, and amend the penal laws of the United States," [seventeen thousand dollars,] <i>twenty-five thousand dollars</i> , of which sum [two thousand five hundred dollars] <i>three thousand dollars</i> shall be used for the purchase, capture, and transportation of game for national reservations (same acts).....				25,000.00
[For the establishment of a national game preserve, to be known as the Wind Cave National Game Preserve, upon the land embraced within the boundaries of the Wind Cave National Park, in the State of South Dakota, for a permanent national range for a herd of buffalo to be presented to the United States by the American Bison Society, and for such other native American game animals as may be placed therein. The Secretary of Agriculture is authorized to acquire by purchase or condemnation such adjacent lands as may be necessary for the purpose of assuring an adequate, permanent water supply, and to inclose the said game preserve with a good and substantial fence and to erect thereon all necessary sheds and buildings for the proper care and maintenance of the said animals, twenty-six thousand dollars, to be available until expended;]				
For investigating the food habits of North American birds and mammals in relation to agriculture, horticulture, and forestry, including experiments and demonstrations in destroying noxious animals, and for investigations and experiments in connection with rearing of fur-bearing animals, including mink and marten, [forty-three thousand dollars,] <i>sixty-five thousand dollars</i> , of which sum [three thousand dollars] <i>fifteen thousand dollars</i> shall be used for the destruction of ground squirrels on the national forests in California (same acts).....				65,000.00
For biological investigations, including the relations, habits, geographic distribution, and migrations of animals and plants, and the preparation of maps of the life and crop zones, [ten thousand dollars;] <i>twenty thousand dollars</i> (same acts).....				20,000.00
[For the establishment of a winter game (elk) reserve in the State of Wyoming, which shall be located in that section of Wyoming lying south of the Yellowstone Park, and shall include not less than two thousand acres in township forty-one north, ranges one hundred and fifteen and one hundred and sixteen west, forty-five thousand dollars, to be available until expended, and the Secretary of Agriculture is hereby authorized to purchase said lands with improvements, to erect necessary buildings and inclosures, and to incur other expenses necessary for the maintenance of the reserve;]				
For general administrative expenses connected with the above-mentioned lines of work, including cooperation with other Federal bureaus, departments, boards, and commissions, on request from them, [thirteen thousand three hundred dollars;] <i>fifteen thousand dollars</i> (same acts).....				15,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
General Expenses, Bureau of Biological Survey—Continued.			
In all, for general expenses, [one hundred and sixty-six thousand three hundred dollars.] <i>one hundred and forty-three thousand dollars</i>		\$143, 000. 00	\$166, 300. 00
Appropriations for 1904.....	\$34, 000	Estimates for 1905.....	\$50, 000
Appropriations for 1905.....	34, 000	Estimates for 1906.....	39, 000
Appropriations for 1906.....	44, 420	Estimates for 1907.....	51, 920
Appropriations for 1907.....	44, 420	Estimates for 1908.....	55, 920
Appropriations for 1908.....	44, 420	Estimates for 1909.....	60, 170
Appropriations for 1909.....	54, 420	Estimates for 1910.....	90, 170
Appropriations for 1910.....	74, 420	Estimates for 1911.....	71, 520
Deficiency act.....	7, 700		
Appropriations for 1911.....	71, 520	Estimates for 1912.....	101, 000
Appropriations for 1912.....	115, 700	Estimates for 1913.....	108, 300
Appropriations for 1913.....	166, 300	Estimates for 1914.....	143, 000
<p>NOTE 1.—There is an apparent decrease in the above appropriation of \$23,300, but taking into consideration the saving in salaries of two places transferred to the statutory roll, amounting to \$1,440, the omission of the provision for the Wind Cave National Game Preserve, \$26,000, and the omission of the provision for the winter game (elk) reserve in Wyoming, \$45,000, there is an actual increase of \$49,140, as follows:</p> <p>For the enforcement of sections 241 and 242 of the act of Mar. 4, 1909, and section 1 of the act of May 25, 1900, in connection with increased expenses in enforcing laws relating to interstate commerce in game in States in which it has thus far been impracticable to extend the work, \$6,000.</p> <p>For maintenance of Montana National Bison Range and other reservations in charge of the Biological Survey, including the salaries of additional wardens, inspectors, and other necessary expenses in connection with the care and patrolling of these reservations, and also of the elk range in Wyoming, the Wind Cave National Game Preserve in South Dakota, and the Niobrara Bird Reservation in Nebraska, \$8,000, of which sum \$500 will be used for the purchase, capture, and transportation of game for national reservations.</p> <p>For controlling prairie dogs in the national forests and other public lands and making demonstrations in poisoning methods in badly infested contiguous areas, \$5,000; for controlling ground squirrels on public lands in California in connection with the suppression of bubonic plague, \$12,000; for studying the relation of birds to, and their effect on, cotton boll weevils and the imported alfalfa weevil, \$1,000; and for gathering data, investigating methods, and making experiments in rearing fur-bearing animals, \$4,000.</p> <p>For completion of field investigations of birds and mammals of Wyoming and preparation of reports thereon, \$3,000; for continuation of field investigations of birds and mammals of Alabama and preparation of reports, \$3,000; and for cooperative field investigations of birds and mammals of North Dakota and Montana and preparation of reports, \$4,000.</p> <p>For general administrative expenses in connection with the above-mentioned lines of work, \$3,140.</p> <p>NOTE 2.—Salaries of assistant biologists, field naturalists, experts, game wardens, etc., carried on the lump funds named below on Aug. 1, 1912.</p>			
GENERAL EXPENSES, BUREAU OF BIOLOGICAL SURVEY.			
GAME PRESERVATION.			
In Washington:			
1 assistant chief.....	\$3, 250		
1 bird migration expert.....	1, 600		
Total.....	4, 850		
FOOD HABITS OF BIRDS AND MAMMALS.			
1 assistant in charge of economic investigations.....	3, 000		
1 assistant in charge of economic ornithology.....	2, 400		
1 field naturalist.....	2, 000		
1 expert biologist.....	2, 000		
1 assistant biologist.....	2, 000		
1 assistant biologist.....	1, 800		
1 scientific assistant.....	1, 800		
1 expert.....	1, 600		
1 agent.....	1, 400		
2 experts, at \$1,400 each.....	2, 800		
1 clerk.....	900		
1 student assistant.....	300		
Total.....	22, 000		
BIOLOGICAL INVESTIGATIONS.			
In Washington:			
1 assistant in charge of biological investigations.....	3, 000		
1 assistant biologist.....	1, 800		
1 assistant ornithologist.....	1, 500		
1 expert.....	1, 400		
Total.....	7, 700		
ADMINISTRATIVE EXPENSES.			
1 chief field naturalist.....	2, 850		
1 assistant biologist.....	2, 000		
1 preparator.....	1, 200		
1 clerk.....	1, 200		
1 consulting biologist.....	1, 000		
1 messenger boy.....	360		
2 student assistants, at \$300 each.....	600		
Total.....	9, 210		
GAME PRESERVATION.			
Out of Washington:			
1 agent.....	1, 500		
1 assistant warden.....	900		
2 inspectors of foreign birds and mammals, at \$300 each.....	600		
5 inspectors of foreign birds and mammals, at \$100 each.....	500		
1 inspector of foreign birds and mammals.....	600		
Total.....	4, 100		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Bureau of Biological Survey—Continued.</i>		
MAINTENANCE OF MAMMAL AND BIRD RESERVATIONS.		
Out of Washington—Continued.		
2 agents, at \$1,500 each.....	\$3,000	
1 reservation warden.....	1,500	
1 inspector.....	600	
8 wardens (three temporary), at \$300 each.....	2,000	
2 assistant wardens, at \$300 each.....	600	
4 wardens, at \$180 each.....	720	
3 assistant wardens (temporary), at \$180 each.....	270	
1 warden.....	120	
1 warden.....	12	
Total.....	8,822	
FOOD HABITS OF BIRDS AND MAMMALS.		
1 agent.....	600	
7 field assistants (temporary), at \$50 per month each.....	900	
Total.....	1,500	
Total for Bureau of Biological Survey, including statutory salaries.....	\$173, 040. 00	\$191, 400. 00
DIVISION OF ACCOUNTS AND DISBURSEMENTS.		
<i>Salaries, Division of Accounts and Disbursements—</i>		
One chief of division and disbursing clerk, who shall be administrative officer of the fiscal affairs of the department (R. S., p. 87, secs. 522, 523; act Aug. 10, 1912, vol. 37, p. 293, sec. 1).....	\$4, 000. 00	
One assistant chief of division (same acts).....	2, 750. 00	
One chief of office of accounts and fiscal agent (same acts).....	2, 500. 00	
Seven district fiscal agents, at \$2,000 each (same acts).....	14, 000. 00	
One supervising auditor (same acts).....	2, 250. 00	
One auditor (same acts).....	2, 000. 00	
One cashier and chief clerk (increase of \$250 submitted) (same acts).....	2, 250. 00	
One deputy disbursing clerk (same acts).....	2, 000. 00	
Two accountants and bookkeepers, at \$2,000 each (increase of 1 in lieu of 1 clerk, class 4, and increase of \$200) (same acts).....	4, 000. 00	
Two clerks, class 4 (decrease of 1, as above) (same acts).....	3, 600. 00	
Eleven clerks, class 3 (same acts).....	17, 600. 00	
Eighteen clerks, class 2 (same acts).....	25, 200. 00	
Nine clerks, class 1 (same acts).....	10, 800. 00	
Four clerks, at \$1,000 each (same acts).....	4, 000. 00	
Five clerks, at \$900 each (decrease of 1 submitted) (same acts).....	4, 500. 00	
One custodian of records and files (same acts).....	1, 400. 00	
One messenger (same acts).....	720. 00	
One messenger or messenger boy (same acts).....	600. 00	
	104, 170. 00	104, 620. 00

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Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>Salaries, Division of Accounts and Disbursements—Continued.</i>			
NOTE.—The provision regarding the detail of clerks is omitted.			
Appropriations for 1904.....	\$24,350	Estimates for 1905.....	\$27,100
Appropriations for 1905.....	24,350	Estimates for 1906.....	24,850
Appropriations for 1906.....	32,210	Estimates for 1907.....	32,410
Appropriations for 1907.....	32,210	Estimates for 1908.....	41,790
Appropriations for 1908.....	41,790	Estimates for 1909.....	46,490
Appropriations for 1909.....	46,690	Estimates for 1910.....	56,090
Appropriations for 1910.....	61,490	Estimates for 1911.....	61,490
Appropriations for 1911.....	79,990	Estimates for 1912.....	98,470
Appropriations for 1912.....	97,520	Estimates for 1913.....	104,620
Appropriations for 1913.....	104,620	Estimates for 1914.....	104,170
NOTE.—One clerk at \$900 is omitted and an increase of \$250 is recommended in the salary of the cashier and chief clerk. One accountant and bookkeeper at \$2,000, in lieu of one clerk of class 4, with increase of \$200, is also submitted. Net decrease, \$450.			
Total for Division of Accounts and Disbursements.....		\$104,170.00	\$104,620.00
DIVISION OF PUBLICATIONS.			
<i>Salaries, Division of Publications—</i>			
One editor, who shall be chief of division (increase of \$500 submitted) (R. S., p. 87, secs. 522, 523; act Aug. 10, 1912, vol. 37, p. 294, sec. 1).....	\$3,750.00		
One editor, who shall be assistant chief of division (increase of \$250 submitted) (same acts)....	2,500.00		
One chief clerk (same acts).....	2,000.00		
Two assistant editors, at \$2,000 each (same acts).....	4,000.00		
Four assistant editors, at \$1,800 each (increase of 3 in lieu of 3 assistant editors, at \$1,600 each, omitted, with increase of \$200 in each case) (same acts).....	7,200.00		
One assistant editor (decrease of 3 as above) (same acts).....	1,600.00		
One assistant editor (same acts).....	1,400.00		
One assistant editor in charge of indexing (same acts).....	2,000.00		
One indexer (same acts).....	1,400.00		
One assistant in charge of illustrations (same acts).....	2,000.00		
One draftsman or photographer (submitted).....	1,600.00		
One draftsman or photographer (R. S., p. 87, secs. 522, 523; act Aug. 10, 1912, vol. 37, p. 294, sec. 1).....	1,500.00		
One draftsman or photographer (decrease of one) (same acts).....	1,400.00		
One draftsman or photographer (submitted).....	1,300.00		
Six draftsmen or photographers, at \$1,200 each (R. S., p. 87, secs. 522, 523; act Aug. 10, 1912, vol. 37, p. 294, sec. 1).....	7,200.00		
One assistant photographer (same acts).....	900.00		
One assistant in charge of document section (same acts).....	2,000.00		
One assistant in document section (same acts).....	1,800.00		
One foreman, miscellaneous distribution (same acts).....	1,500.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>Salaries, Division of Publications—Continued.</i>		
One forewoman (R. S., p. 87, secs. 522, 523; act Aug. 10, 1912, vol. 37, p. 294, sec. 1)	\$1,400.00	
NOTE.—One assistant foreman, miscellaneous distribution, at \$1,100; 1 foreman, Farmers' Bulletin distribution, at \$1,500; and 1 forewoman, at \$1,200, are omitted.		
One clerk, class 3 (same acts).....	1,600.00	
Seven clerks, class 1 (same acts).....	8,400.00	
Thirteen clerks, at \$1,000 each (same acts).....	13,000.00	
Forty-one clerks, at \$900 each (decrease of one) (same acts).....	36,900.00	
Twenty-one clerks, at \$840 each (same acts).....	17,640.00	
Nine skilled laborers, at \$840 each (decrease of 11, 2 of whom are transferred to the Secretary's roll) (same acts).....	7,560.00	
Four skilled laborers, at \$780 each (decrease of 9) (same acts).....	3,120.00	
Seventeen skilled laborers, at \$720 each (decrease of 9) (same acts).....	12,240.00	
One chief folder (same acts).....	1,000.00	
NOTE.—One assistant chief folder at \$960 is omitted.		
Two folders, at \$900 each (decrease of 1) (same acts).....	1,800.00	
One skilled laborer (same acts).....	1,100.00	
One skilled laborer (decrease of 1) (same acts).....	1,000.00	
Two messengers, at \$840 each (same acts).....	1,680.00	
Two messengers, at \$720 each (decrease of 2) (same acts).....	1,440.00	
Three messengers or messenger boys, at \$600 each (change of title submitted) (same acts).....	1,800.00	
Two messengers or messenger boys, at \$480 each (same acts)	960.00	
Two messengers or messenger boys, at \$420 each (same acts).....	840.00	
Two messengers or messenger boys, at \$360 each (same acts).....	720.00	
Two laborers, at \$660 each (same acts).....	1,320.00	
One laborer (same acts).....	600.00	
Four charwomen, at \$480 each (same acts).....	1,920.00	
Three charwomen, at \$240 each (same acts).....	720.00	
	\$165,810.00	\$194,700.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>Salaries, Division of Publications—Continued.</i>			
Appropriations for 1904.....	\$29,320	Estimates for 1905.....	\$32,140
Appropriations for 1905.....	30,640	Estimates for 1906.....	32,890
Appropriations for 1906.....	114,370	Estimates for 1907.....	120,370
Appropriations for 1907.....	116,270	Estimates for 1908.....	128,650
Appropriations for 1908.....	126,550	Estimates for 1909.....	141,830
Appropriations for 1909.....	139,710	Estimates for 1910.....	141,980
Appropriations for 1910.....	173,450	Estimates for 1911.....	172,730
Appropriations for 1911.....	172,730	Estimates for 1912.....	177,510
Appropriations for 1912.....	179,900	Estimates for 1913.....	181,110
Appropriations for 1913.....	194,700	Estimates for 1914.....	165,810

NOTE.—There is a decrease of \$28,890 in the above appropriation, as the mailing of publications for public distribution, formerly done by the division, will now be performed by the Public Printer, as required by section 8 of the last legislative act. The changes in detail are as follows:

PLACES OMITTED.

1 draftsman or photographer.....	\$1,400
1 assistant foreman, miscellaneous distribution.....	1,100
1 foreman, Farmers' Bulletin distribution.....	1,500
1 forewoman.....	1,200
1 clerk.....	900
9 skilled laborers, at \$840 each.....	7,560
9 skilled laborers, at \$780 each.....	7,020
9 skilled laborers, at \$720 each.....	6,480
1 assistant chief folder.....	960
1 folder.....	900
1 skilled laborer.....	1,000
2 messengers, at \$720 each.....	1,440

TRANSFERS TO SECRETARY'S ROLL.

2 skilled laborers, at \$840 each.....	1,680
	<u>\$33,140</u>

PROMOTIONS.

Chief of division, \$3,250 to \$3,750.....	500
Assistant chief of division, \$2,250 to \$2,500.....	250
3 assistant editors, \$1,000 to \$1,800 each.....	600

NEW PLACES.

1 draftsman or photographer.....	1,600
1 draftsman or photographer.....	1,300
	<u>4,250</u>
Decrease.....	28,890

CHANGE OF TITLE.

3 messengers, at \$600 each, changed to 3 messengers or messenger boys, at \$600 each.

General Expenses, Division of Publications—

For miscellaneous objects of expenditure in connection with the publication, indexing, illustration, and distribution of bulletins, documents, and reports, as follows:

For labor-saving machinery, [for addressing and mailing documents,] including necessary supplies, [three thousand dollars;] <i>one thousand five hundred dollars (act Aug. 10, 1912, vol. 37, p. 295, sec. 1)</i>	\$1,500.00
For envelopes, stationery, and materials [used in the distribution of documents], [eleven thousand five hundred dollars;] <i>six thousand dollars (same act)</i>	6,000.00
For office furniture and fixtures, one thousand dollars (same act).....	1,000.00
For photographic equipment and for photographic materials and artists' tools and supplies, [five thousand dollars;] <i>six thousand dollars (same act)</i>	6,000.00
For telephone and telegraph service and freight and express charges, [five hundred dollars;] <i>two hundred and fifty dollars (same act)</i>	250.00
For wagons, bicycles, horses, harness, and maintenance of the same, [one thousand dollars;] <i>five hundred dollars (same act)</i>	500.00
For purchase of manuscripts, traveling expenses, electrotypes, illustrations, and other expenses not otherwise provided for, three thousand dollars (same act).....	3,000.00
In all, for general expenses, [twenty-five thousand dollars.] <i>eighteen thousand two hundred and fifty dollars</i>	\$18,250.00

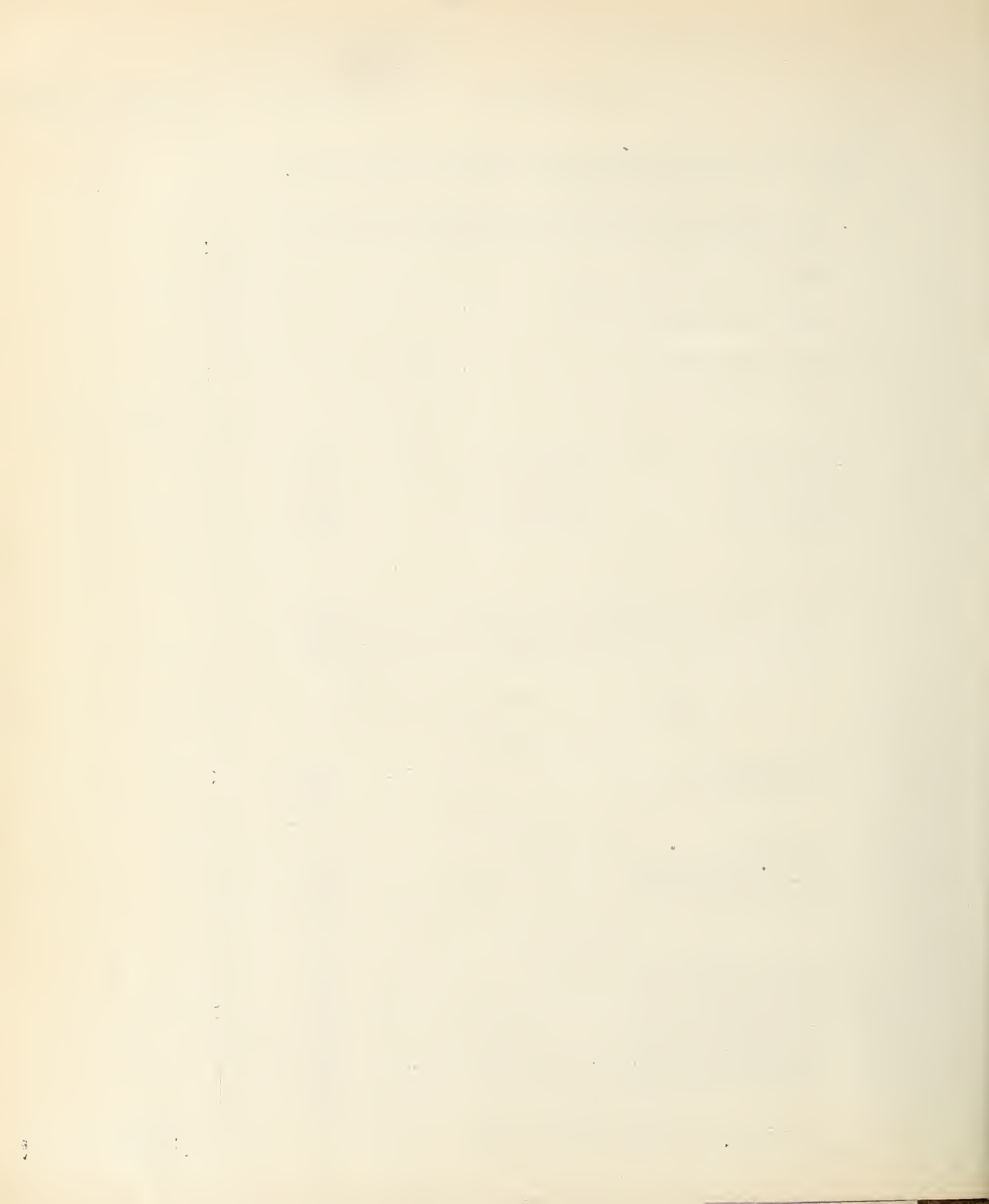
\$25,000.00

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.				Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, Division of Publications—Continued.</i>					
Appropriations for 1904.....	\$200,000	Estimates for 1905.....	\$210,000		
Appropriations for 1905.....	210,000	Estimates for 1906.....	215,000		
Appropriations for 1906.....	132,250	Estimates for 1907.....	133,750		
Appropriations for 1907.....	132,250	Estimates for 1908.....	¹ 40,000		
Appropriations for 1908.....	¹ 35,000	Estimates for 1909.....	40,000		
Appropriations for 1909.....	40,000	Estimates for 1910.....	70,000		
Appropriations for 1910.....	33,000	Estimates for 1911.....	30,000		
Appropriations for 1911.....	30,000	Estimates for 1912.....	30,000		
Appropriations for 1912.....	30,000	Estimates for 1913.....	25,000		
Appropriations for 1913.....	25,000	Estimates for 1914.....			
¹ Beginning with 1908, Farmers' Bulletins provided for under printing and binding in the sundry civil bill.					
NOTE 1.—There is a decrease in the above appropriation of \$6,750. The language above that is bracketed is also omitted. This decrease in the appropriation has been made possible as the mailing of publications intended for public distribution formerly done by this division will now be performed by the Public Printer under section 8 of the legislative act for the fiscal year 1913.					
Total for Division of Publications, including statutory salaries.....				\$184,060.00	\$219,700.00
BUREAU OF STATISTICS.					
<i>Salaries, Bureau of Statistics—</i>					
One statistician, who shall be chief of bureau (increase of \$500 submitted) (R. S. , p. 87, secs. 522, 523; act Aug. 10, 1912, vol. 37, p. 295, sec. 1).....				\$4,500.00	
One assistant statistician, who shall be assistant chief of bureau (same acts).....				2,500.00	
One chief clerk (same acts).....				1,800.00	
Six clerks, class 4 (same acts).....				10,800.00	
Nine clerks, class 3 (same acts).....				14,400.00	
Twelve clerks, class 2 (same acts).....				16,800.00	
Two clerks, at \$1,300 each (same acts).....				2,600.00	
Seventeen clerks, class 1 (same acts).....				20,400.00	
Seventeen clerks, at \$1,000 each (increase of 3 submitted) (same acts).....				17,000.00	
Twenty-one clerks, at \$900 each (same acts).....				18,900.00	
Two messengers, at \$840 each (same acts).....				1,680.00	
Two messengers or laborers, at \$720 each (same acts).....				1,440.00	
Two messengers, messenger boys, or laborers, at \$660 each (change of title submitted) (same acts)...				1,320.00	
One messenger or messenger boy (same acts).....				480.00	
One charwoman (same acts).....				540.00	
Two charwomen, at \$360 each (same acts).....				720.00	
				115,880.00	112,380.00
Appropriations for 1904.....	\$55,960	Estimates for 1905.....	\$57,960		
Appropriations for 1905.....	57,760	Estimates for 1906.....	57,760		
Appropriations for 1906.....	97,660	Estimates for 1907.....	97,660		
Appropriations for 1907.....	97,660	Estimates for 1908.....	97,340		
Appropriations for 1908.....	97,040	Estimates for 1909.....	96,440		
Appropriations for 1909.....	96,640	Estimates for 1910.....	104,580		
Appropriations for 1910.....	103,860	Estimates for 1911.....	104,700		
Appropriations for 1911.....	104,700	Estimates for 1912.....	109,670		
Appropriations for 1912.....	108,720	Estimates for 1913.....	111,720		
Appropriations for 1913.....	112,380	Estimates for 1914.....	115,880		
NOTE.—An increase of \$500 is submitted in the salary of the chief of bureau, and three clerks at \$1,000 each have been added. The title of messengers or laborers at \$660 each has been changed to messengers, messenger boys,					

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.																																								
<i>General Expenses, Bureau of Statistics—</i>																																											
For all necessary expenses for collecting domestic and foreign agricultural statistics, compiling, writing, and illustrating statistical matter for monthly, annual, and special reports, and for special investigations and compilations, as follows:																																											
Salaries and employment of labor in the city of Washington and elsewhere, supplies, telegraph and telephone service, freight and express charges, and all other necessary miscellaneous administrative expenses, twenty-four thousand seven hundred dollars (act Aug. 10, 1912, vol. 37, p. 295, sec. 1).....	\$24,700.00																																										
Salaries and traveling and other necessary expenses of special field agents, sixty-eight thousand nine hundred dollars (same act).....	68,900.00																																										
Salaries and traveling and other necessary expenses of State statistical agents, thirty-two thousand two hundred dollars (same act).....	32,200.00																																										
Traveling and other necessary expenses of official and special investigators, two thousand five hundred dollars (same act).....	2,500.00																																										
In all, for general expenses, one hundred and twenty-eight thousand three hundred dollars.....		\$128,300.00	\$128,300.00																																								
<table> <tr> <td>Appropriations for 1904.....</td><td>\$116,700</td><td>Estimates for 1905.....</td><td>\$139,500</td></tr> <tr> <td>Appropriations for 1905.....</td><td>139,500</td><td>Estimates for 1906.....</td><td>139,500</td></tr> <tr> <td>Appropriations for 1906.....</td><td>98,800</td><td>Estimates for 1907.....</td><td>118,800</td></tr> <tr> <td>Appropriations for 1907.....</td><td>112,900</td><td>Estimates for 1908.....</td><td>127,900</td></tr> <tr> <td>Appropriations for 1908.....</td><td>122,900</td><td>Estimates for 1909.....</td><td>142,900</td></tr> <tr> <td>Appropriations for 1909.....</td><td>125,000</td><td>Estimates for 1910.....</td><td>136,200</td></tr> <tr> <td>Appropriations for 1910.....</td><td>117,060</td><td>Estimates for 1911.....</td><td>115,620</td></tr> <tr> <td>Appropriations for 1911.....</td><td>115,620</td><td>Estimates for 1912.....</td><td>124,900</td></tr> <tr> <td>Appropriations for 1912.....</td><td>122,900</td><td>Estimates for 1913.....</td><td>128,300</td></tr> <tr> <td>Appropriations for 1913.....</td><td>128,300</td><td>Estimates for 1914.....</td><td>128,300</td></tr> </table>		Appropriations for 1904.....	\$116,700	Estimates for 1905.....	\$139,500	Appropriations for 1905.....	139,500	Estimates for 1906.....	139,500	Appropriations for 1906.....	98,800	Estimates for 1907.....	118,800	Appropriations for 1907.....	112,900	Estimates for 1908.....	127,900	Appropriations for 1908.....	122,900	Estimates for 1909.....	142,900	Appropriations for 1909.....	125,000	Estimates for 1910.....	136,200	Appropriations for 1910.....	117,060	Estimates for 1911.....	115,620	Appropriations for 1911.....	115,620	Estimates for 1912.....	124,900	Appropriations for 1912.....	122,900	Estimates for 1913.....	128,300	Appropriations for 1913.....	128,300	Estimates for 1914.....	128,300		
Appropriations for 1904.....	\$116,700	Estimates for 1905.....	\$139,500																																								
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NOTE 1.—No change.																																											
[And that the Secretary of Agriculture be and he is hereby directed to secure from the various branches of the department having authority to investigate such matters, reports relative to systems of marketing farm products, cooperative or otherwise, in practice in various sections of the United States and of the demand for such products in various trade centers, and shall make such recommendations to Congress relative to further investigations of these questions and the dissemination of such information as he shall deem necessary.]																																											
NOTE 2.—Salaries of statistical scientists, special field agents, and State statistical agents carried on the lump funds named below on Aug. 1, 1912:																																											
GENERAL EXPENSES, BUREAU OF STATISTICS.																																											
ADMINISTRATIVE EXPENSES.																																											
In Washington:																																											
1 statistical scientist.....	\$3,500.00																																										
1 statistical scientist.....	3,000.00																																										
2 statistical scientists, at \$2,500 each.....	5,000.00																																										
1 statistical scientist.....	2,000.00																																										
Total.....	13,500.00																																										
SPECIAL FIELD AGENTS.																																											
Out of Washington:																																											
1 special field agent.....	2,250.00																																										
3 special field agents, at \$2,000 each.....	6,000.00																																										
7 special field agents, at \$1,800 each.....	12,600.00																																										
4 special field agents, at \$1,600 each.....	6,400.00																																										
3 special field agents, at \$1,400 each.....	4,200.00																																										
2 special field agents, at \$1,200 each.....	2,400.00																																										
Total.....	33,850.00																																										
STATE STATISTICAL AGENTS.																																											
1 State statistical agent.....	1,100.00																																										
3 State statistical agents, at \$900 each.....	2,700.00																																										
8 State statistical agents, at \$800 each.....	6,400.00																																										
1 State statistical agent.....	720.00																																										
3 State statistical agents, at \$700 each.....	2,100.00																																										
1 State statistical agent.....	660.00																																										
2 State statistical agents, at \$650 each.....	1,300.00																																										
8 State statistical agents, at \$600 each.....	4,800.00																																										
1 State statistical agent.....	550.00																																										
6 State statistical agents, at \$500 each.....	3,000.00																																										
2 State statistical agents, at \$360 each.....	720.00																																										
1 State statistical agent.....	350.00																																										
10 State statistical agents, at \$300 each.....	3,000.00																																										
Total.....	27,400.00																																										
Total for Bureau of Statistics, including statutory salaries.....		244,180.00	240,680.00																																								



General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
LIBRARY, DEPARTMENT OF AGRICULTURE.			
<i>Salaries, Library, Department of Agriculture—</i>			
One librarian (increase of \$500 submitted) (R. S., p. 87, secs. 522, 523; act Aug. 10, 1912, vol. 37, p. 296, sec. 1).....		\$2, 500. 00	
One assistant librarian (submitted).....		2, 000. 00	
One clerk, class three (R. S., p. 87, secs. 522, 523; act Aug. 10, 1912, vol. 37, p. 296, sec. 1)...		1, 600. 00	
One clerk, class two (same acts).....		1, 400. 00	
Two clerks, class one, one of whom shall be a translator (same acts).....		2, 400. 00	
Six clerks, at \$1,000 each (increase of one by transfer from lump fund) (same acts).....		6, 000. 00	
Five clerks, at \$900 each (same acts).....		4, 500. 00	
One clerk (same acts).....		840. 00	
Two cataloguers, at \$1,200 each (same acts).....		2, 400. 00	
Three cataloguers, at \$1,000 each (same acts).....		3, 000. 00	
One messenger (same acts).....		720. 00	
Two messengers or messenger boys, at \$600 each (in lieu of two messengers, messenger boys, or laborers, at \$480 each, omitted, with change of title and increase of \$120 in each case) (same acts).....		1, 200. 00	
One messenger, messenger boy, or laborer (decrease of two as above) (same acts).....		480. 00	
One charwoman (same acts).....		480. 00	
		\$29, 520. 00	\$25, 780. 00
Appropriations for 1904.....	\$10, 000	Estimates for 1905.....	\$10, 200
Appropriations for 1905.....	10, 200	Estimates for 1906.....	10, 200
Appropriations for 1906.....	13, 000	Estimates for 1907.....	15, 880
Appropriations for 1907.....	15, 880	Estimates for 1908.....	17, 730
Appropriations for 1908.....	15, 880	Estimates for 1909.....	18, 080
Appropriations for 1909.....	18, 080	Estimates for 1910.....	20, 160
Appropriations for 1910.....	19, 320	Estimates for 1911.....	19, 920
Appropriations for 1911.....	19, 920	Estimates for 1912.....	23, 000
Appropriations for 1912.....	25, 000	Estimates for 1913.....	27, 650
Appropriations for 1913.....	25, 780	Estimates for 1914.....	29, 520
NOTE.—An increase of \$500 is submitted in the salary of the librarian. One assistant librarian at \$2,000 and two messengers or messenger boys at \$600 each have been added, the latter in lieu of two messengers, messenger boys, or laborers at \$480 each. One clerk at \$1,000 has also been added by transfer from the lump fund and that fund reduced accordingly. Apparent increase, \$3,740; actual increase, \$2,740.			
<i>General Expenses, Library—</i>			
For books of reference, technical and scientific books, papers and periodicals, and for expenses incurred in completing imperfect series; for the employment of additional assistants in the city of Washington and elsewhere; for official traveling expenses, and for library fixtures, library cards, supplies, and other material, [fifteen thousand five hundred dollars.] sixteen thousand five hundred dollars (act Aug. 10, 1912, vol. 37, p. 296, sec. 1).....		16, 500. 00	15, 500. 00
Appropriations for 1904.....	\$10, 000	Estimates for 1905.....	\$12, 500
Appropriations for 1905.....	10, 000	Estimates for 1906.....	11, 000
Appropriations for 1906.....	8, 040	Estimates for 1907.....	10, 000
Appropriations for 1907.....	10, 000	Estimates for 1908.....	12, 500
Appropriations for 1908.....	12, 500	Estimates for 1909.....	17, 500
Appropriations for 1909.....	15, 500	Estimates for 1910.....	16, 500
Appropriations for 1910.....	16, 500	Estimates for 1911.....	15, 400
Appropriations for 1911.....	15, 400	Estimates for 1912.....	15, 500
Appropriations for 1912.....	15, 500	Estimates for 1913.....	15, 500
Appropriations for 1913.....	15, 500	Estimates for 1914.....	16, 500
NOTE 1.—There is an apparent increase in the above appropriation of \$1,000, but adding the saving in salary of one clerk at \$1,000 transferred to the statutory roll, the actual increase is \$2,000, which is recommended in order that the library may keep pace with the work of the department, and more adequately meet the increasing demands made upon it year by year.			
NOTE 2.—Salary of clerk carried on the lump fund named below on Aug. 1, 1912:			
GENERAL EXPENSES, LIBRARY.			
In Washington:			
1 clerk.....		\$1, 000	
Total for Library, including statutory salaries.....		46, 020. 00	41, 280. 00

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.																																								
CONTINGENT EXPENSES.																																											
<i>Contingent Expenses, Department of Agriculture—</i>																																											
For stationery, blank books, twine, paper, gum, dry goods, soap, brushes, brooms, mats, oils, paints, glass, lumber, hardware, ice, fuel, water and gas pipes, heating apparatus, furniture, carpets, and matting; for lights, freight, express charges, advertising, telegraphing, telephoning, postage, washing towels, and necessary repairs and improvements to buildings, grounds, and heating apparatus; for the purchase, subsistence, and care of horses and the purchase and repair of harness and vehicles, for official purposes only; for the payment of duties on imported articles, and the Department of Agriculture's proportionate share of the expense of the dispatch agent in New York; for official traveling expenses; <i>to enable the Secretary of Agriculture to participate in National and State expositions and fairs, including expenses necessary for the preparation, transportation, installation, and care of exhibits</i> ; and for other miscellaneous supplies and expenses not otherwise provided for, and necessary for the practical and efficient work of the department, one hundred and six thousand and sixty-six dollars. Provided , That hereafter the Secretary of Agriculture may purchase stationery, supplies, furniture, and miscellaneous materials from this appropriation and transfer the same at actual cost to the various bureaus, divisions, and offices of the Department of Agriculture in the city of Washington, reimbursement therefor to be made to this appropriation by said bureaus, divisions, and offices from their lump-fund appropriations by transfer settlements through the Treasury Department: <i>Provided further</i> , That the Secretary of Agriculture may hereafter exchange typewriters and computing, addressing, and duplicating machines purchased from any lump-fund appropriation of the Department of Agriculture. (act Aug. 10, 1912, vol. 37, p. 296, sec. 1).		\$106,066.00	\$106,066.00																																								
171	<table> <tr> <td>Appropriations for 1904.....</td><td>\$37,000</td><td>Estimates for 1905.....</td><td>\$37,000</td></tr> <tr> <td>Appropriations for 1905.....</td><td>37,000</td><td>Estimates for 1906.....</td><td>37,000</td></tr> <tr> <td>Appropriations for 1906.....</td><td>37,000</td><td>Estimates for 1907.....</td><td>37,000</td></tr> <tr> <td>Appropriations for 1907.....</td><td>37,000</td><td>Estimates for 1908.....</td><td>47,000</td></tr> <tr> <td>Appropriations for 1908.....</td><td>47,000</td><td>Estimates for 1909.....</td><td>78,200</td></tr> <tr> <td>Appropriations for 1909.....</td><td>86,200</td><td>Estimates for 1910.....</td><td>70,000</td></tr> <tr> <td>Appropriations for 1910.....</td><td>80,000</td><td>Estimates for 1911.....</td><td>100,000</td></tr> <tr> <td>Appropriations for 1911.....</td><td>100,000</td><td>Estimates for 1912.....</td><td>110,000</td></tr> <tr> <td>Appropriations for 1912.....</td><td>110,000</td><td>Estimates for 1913.....</td><td>96,066</td></tr> <tr> <td>Appropriations for 1913.....</td><td>106,066</td><td>Estimates for 1914.....</td><td>106,066</td></tr> </table>	Appropriations for 1904.....	\$37,000	Estimates for 1905.....	\$37,000	Appropriations for 1905.....	37,000	Estimates for 1906.....	37,000	Appropriations for 1906.....	37,000	Estimates for 1907.....	37,000	Appropriations for 1907.....	37,000	Estimates for 1908.....	47,000	Appropriations for 1908.....	47,000	Estimates for 1909.....	78,200	Appropriations for 1909.....	86,200	Estimates for 1910.....	70,000	Appropriations for 1910.....	80,000	Estimates for 1911.....	100,000	Appropriations for 1911.....	100,000	Estimates for 1912.....	110,000	Appropriations for 1912.....	110,000	Estimates for 1913.....	96,066	Appropriations for 1913.....	106,066	Estimates for 1914.....	106,066		
Appropriations for 1904.....	\$37,000	Estimates for 1905.....	\$37,000																																								
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Appropriations for 1912.....	110,000	Estimates for 1913.....	96,066																																								
Appropriations for 1913.....	106,066	Estimates for 1914.....	106,066																																								
<p>NOTE.—There is no change in the amount of the above appropriation, but the following language has been added: "to enable the Secretary of Agriculture to participate in National and State fairs, including expenses necessary for the preparation, transportation, installation, and care of exhibits." This new language has been added for the purpose of giving the department specific authority to participate in exhibitions and fairs and pay the expenses for the preparation, transportation, and care of the exhibits. In nearly every case such participation is in the interest of agriculture, and the expenses for preparation, transportation, and care of the exhibits would seem to be proper charges against the department.</p> <p>The provision for the purchase and transfer of supplies, etc., and the provision authorizing the exchange of typewriting and other machines have been omitted.</p>																																											
RENT IN THE DISTRICT OF COLUMBIA.																																											
<i>Rent of Buildings, Department of Agriculture—</i>																																											
For rent of buildings and parts of buildings in the District of Columbia for use of the various bureaus, divisions, and offices of the Department of Agriculture, namely:																																											
For Bureau of Animal Industry, three thousand and eighty-four dollars; <i>two thousand nine hundred and forty dollars</i>		\$2,940.00																																									
For Bureau of Plant Industry, twenty-three thousand eight hundred and thirty dollars; <i>twenty-six thousand four hundred and twenty dollars</i>		26,420.00																																									
For Forest Service, twenty-five thousand and seventy-five dollars.....		25,075.00																																									
For Bureau of Chemistry, seventeen thousand three hundred and twenty dollars.....		17,320.00																																									
For Bureau of Soils, three hundred and sixty dollars; <i>three hundred and six dollars</i>		306.00																																									
For Division of Publications, five thousand dollars.....		5,000.00																																									
For Office of Solicitor, two thousand one hundred and sixty dollars.....		2,160.00																																									
For Office Bureau of Experiment Stations, five thousand dollars.....		5,000.00																																									
For Office Bureau of Public Roads, three thousand five hundred dollars.....		3,500.00																																									
For additional rent in cases of emergency for any bureau, division, or office of the department, ten thousand dollars; <i>seven thousand six hundred and eight dollars</i>		7,608.00																																									
In all, ninety-five thousand three hundred and twenty-nine dollars (act Aug. 10, 1912, vol. 37, pp. 296-7, sec. 1).....		95,329.00	95,329.00																																								
<table> <tr> <td>Appropriations for 1913.....</td><td>\$95,329</td><td>Estimates for 1913.....</td><td>\$95,329</td></tr> <tr> <td></td><td></td><td>Estimates for 1914.....</td><td>95,329</td></tr> </table>		Appropriations for 1913.....	\$95,329	Estimates for 1913.....	\$95,329			Estimates for 1914.....	95,329																																		
Appropriations for 1913.....	\$95,329	Estimates for 1913.....	\$95,329																																								
		Estimates for 1914.....	95,329																																								

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.	
[OFFICE] BUREAU OF EXPERIMENT STATIONS.			
Salaries, [Office] Bureau of Experiment Stations—			
One director (increase of \$500 submitted) (R. S., p. 87, secs. 522, 523; act Aug. 10, 1912, vol. 37, p. 297, sec. 1).....	\$5,000.00		
One chief clerk (same acts).....	2,000.00		
One computer (same acts).....	2,000.00		
One draftsman (increase of \$200 submitted) (same acts).....	2,000.00		
One clerk and proof reader (same acts).....	1,800.00		
One editorial clerk (by transfer from lump fund for irrigation) (same acts).....	1,600.00		
One editorial clerk (same acts).....	1,400.00		
One editorial clerk (same acts).....	1,200.00		
One draftsman (same acts).....	1,200.00		
One clerk or draftsman (by transfer from lump fund for drainage) (same acts).....	900.00		
One clerk, class 4 (submitted).....	1,800.00		
Two clerks, class 3 (R. S., p. 87, secs. 522, 523; act Aug. 10, 1912, vol. 37, p. 297, sec. 1).....	3,200.00		
One clerk (by transfer from lump fund for drainage) (same acts).....	1,500.00		
Four clerks, class 2 (same acts).....	5,600.00		
Seven clerks, class 1 (same acts).....	8,400.00		
Eight clerks, at \$1,000 each (increase of 2 submitted, in lieu of 2 clerks at \$900 each, with increase of \$100 in each case) (same acts).....	8,000.00		
Twelve clerks, at \$900 each (decrease of 2 as above, and increase of 2 by transfer from the lump funds for experiment stations and irrigation) (same acts).....	10,800.00		
One messenger (same acts).....	840.00		
Three messengers, messenger boys, or laborers, at \$600 each (same acts).....	1,800.00		
Four messengers, messenger boys, or laborers, at \$480 each (same acts).....	1,920.00		
One skilled laborer (same acts).....	900.00		
Five laborers or charwomen, at \$480 each (same acts).....	2,400.00		
Two laborers or charwomen, at \$240 each (same acts).....	480.00		
	\$66,740.00	\$58,240.00	
Appropriations for 1906.....	\$29,040	Estimates for 1907.....	\$29,160
Appropriations for 1907.....	29,160	Estimates for 1908.....	31,220
Appropriations for 1908.....	31,220	Estimates for 1909.....	34,620
Appropriations for 1909.....	34,620	Estimates for 1910.....	39,480
Appropriations for 1910.....	39,260	Estimates for 1911.....	46,180
Appropriations for 1911.....	46,180	Estimates for 1912.....	56,500
Appropriations for 1912.....	56,500	Estimates for 1913.....	59,840
Appropriations for 1913.....	58,240	Estimates for 1914.....	66,740
All salaries paid from "Agricultural Experiment Stations" prior to 1906.			

¹All salaries paid from "Agricultural Experiment Stations" prior to 1906.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>Salaries, [Office] Bureau of Experiment Stations—Continued.</i>		
NOTE.—Apparent increase \$8,500; actual increase \$2,700, as follows:		
PROMOTIONS.		
1 director, \$4,500 to \$5,000..... \$500 1 draftsman, \$1,800 to \$2,000..... 200 2 clerks, \$900 to \$1,000 each..... 200		
NEW PLACE.		
1 clerk, class 4..... 1,800		
Actual increase..... 2,700		
TRANSFERS FROM LUMP FUNDS, WHICH FUNDS HAVE BEEN REDUCED ACCORDINGLY.		
1 editorial clerk from irrigation..... \$1,600 1 clerk or draftsman from drainage..... 900 1 clerk from drainage..... 1,500 2 clerks, at \$900 each, from experiment stations and irrigation..... 1,800 5,800		
Apparent increase..... 8,500		
The designation of the Office of Experiment Stations has been changed to Bureau of Experiment Stations.		
<i>General Expenses, [Office] Bureau of Experiment Stations—</i>		
To carry into effect the provisions of an act approved March second, eighteen hundred and eighty-seven, entitled "An act to establish agricultural experiment stations in connection with the colleges established in the several States under the provisions of an act approved July second, eighteen hundred and sixty-two, and of the acts supplementary thereto," the sums apportioned to the several States and Territories to be paid quarterly in advance, seven hundred and twenty thousand dollars;		
To carry into effect the provisions of an act approved March sixteenth, nineteen hundred and six, entitled "An act to provide for an increased annual appropriation for agricultural experiment stations and regulating the expenditure thereof," the sums apportioned to the several States and Territories to be paid quarterly in advance, seven hundred and twenty thousand dollars: <i>Provided</i> , That not to exceed fifteen thousand dollars shall be paid to each State and Territory under this act;		
To enable the Secretary of Agriculture to enforce the provisions of the above acts, relative to their administration, including the employment of clerks, assistants, and other persons in the city of Washington and elsewhere, freight and express charges, official traveling expenses, office fixtures, supplies, apparatus, telegraph and telephone service, gas, electric current, and rent outside of the District of Columbia, [thirty-eight thousand four hundred dollars;] <i>thirty-five thousand dollars</i> ; and the Secretary of Agriculture shall prescribe the form of the annual financial statement required under the above acts, ascertain whether the expenditures are in accordance with their provisions, and make report thereon to Congress;		
To enable the Secretary of Agriculture to establish and maintain agricultural experiment stations in Alaska, Hawaii, Porto Rico, and the island of Guam, including the erection of buildings, the preparation, illustration, and distribution of reports and bulletins and all other necessary expenses, [one hundred and five thousand dollars;] <i>one hundred and ten thousand dollars</i> , as follows: Alaska, [thirty thousand dollars;] <i>thirty-five thousand dollars</i> ; Hawaii, thirty thousand dollars; Porto Rico, thirty thousand dollars; and Guam, fifteen thousand dollars, <i>including not to exceed two thousand dollars for the purchase of land</i> ; and the Secretary of Agriculture is authorized to sell such products as are obtained on the land belonging to the agricultural experiment stations in Alaska, Hawaii, Porto Rico, and the island of Guam, and to apply the money received from the sale of such products to the maintenance of said stations, and this fund shall be available until used;		
To enable the Secretary of Agriculture to investigate and report upon the organization and progress of farmers' institutes and agricultural schools in the several States and Territories, and upon similar organizations in foreign countries, with special suggestions of plans and methods for making such organizations more effective for the dissemination of the results of the work of the Department of Agriculture and the agricultural experiment stations, and of improved methods of agricultural practice, including the employment of labor in the city of Washington and elsewhere, and all other necessary expenses, [fifteen thousand seven hundred and sixty dollars;] <i>twenty-three thousand dollars</i> ;		
In all, for general expenses, [one million five hundred and ninety-nine thousand one hundred and sixty dollars;] <i>one million six hundred and fifteen thousand five hundred dollars</i> (acts July 2, 1862, vol. 12, p. 503, sec. 1; Mar. 2, 1887, vol. 24, p. 440, secs. 1-10; June 7, 1888, vol. 25, p. 176, sec. 1; July 18, 1888, vol. 25, p. 534, sec. 1; Mar. 16, 1906, vol. 34, p. 63, secs. 2, 3; Aug. 10, 1912, vol. 37, p. 297, sec. 1).....	\$1,615,500.00	\$1,599,160.00

Appropriations for 1904.....	\$810,000	Estimates for 1905.....	\$810,000
Appropriations for 1905.....	810,000	Estimates for 1906.....	821,000
Appropriations for 1906.....	1,794,660	Estimates for 1907.....	813,120
Appropriations for 1907.....	803,500	Estimates for 1908.....	842,000
Appropriations for 1908.....	827,000	Estimates for 1909.....	846,995
Appropriations for 1909.....	843,000	Estimates for 1910.....	863,800
Appropriations for 1910.....	863,800	Estimates for 1911.....	862,400
Appropriations for 1911.....	862,400	Estimates for 1912.....	2 1,622,500
Appropriations for 1912.....	2 1,592,500	Estimates for 1913.....	1,604,160
Appropriations for 1913.....	1,599,160	Estimates for 1914.....	1,615,500

¹ Beginning with 1906, salaries provided for separately on a statutory roll.

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, [Office] Bureau of Experiment Stations—Continued.</i>		
<p>NOTE 1.—The designation of the office has been changed to "Bureau."</p> <p>There is an apparent increase in the above appropriation of \$16,340, but adding the saving in salary of one clerk, at \$900, transferred from the Office of Experiment Stations to the statutory roll, the actual increase is \$17,240, as follows:</p> <p>A net increase of \$4,100 is submitted for the Office of Experiment Stations, but adding the saving of salary of one clerk, at \$900, transferred to the statutory roll, the actual increase is \$5,000, and is to provide for the increase of business in relations with agricultural experiment stations and the publication of reviews of the literature of agricultural investigations in the Experiment Station Record.</p> <p>An increase of \$5,000 is submitted for the insular experiment stations in Alaska to reestablish the live-stock investigations interrupted by the volcanic eruptions of June 6, 1912, and of the \$15,000 estimated for the insular experiment station at Guam, which is the same amount as this fiscal year, it is desired to use not to exceed \$2,000 for the purchase of land, and the wording of the item has been changed accordingly.</p> <p>An increase of \$7,240 is submitted under farmers' institutes and agricultural schools to enable the department to more fully meet the demand from the States and Territories for advice and assistance in organizing agencies, etc., and especially to prepare publications in which the results of the work of the agricultural experiment stations will be presented in form for the use of teachers and pupils in the rural schools.</p> <p>NOTE 2.—Salaries of assistant director, scientific assistants, scientific specialists, agents, etc., carried on the lump funds named below on August 1, 1912:</p>		
GENERAL EXPENSES, OFFICE OF EXPERIMENT STATIONS.		
AGRICULTURAL EXPERIMENT STATIONS.		
In Washington:		
1 assistant director and editor of Experiment Station Record	\$3,500.00	
1 chief of editorial division and expert in soil physics	2,700.00	
1 chief of division of insular stations and expert in botany	2,700.00	
1 assistant agriculturist	2,220.00	
1 specialist in animal husbandry	2,000.00	
1 specialist in economic zoology	2,000.00	
1 specialist in biological chemistry	1,800.00	
2 scientific assistants, at \$1,800 each	3,600.00	
1 specialist in botany	1,500.00	
1 assistant in agricultural education and rural economics	1,500.00	
1 scientific assistant	1,400.00	
1 scientific assistant	1,380.00	
1 scientific assistant	1,020.00	
1 clerk	900.00	
1 messenger boy	480.00	
1 clerk, at \$75 per month (temporary)	160.00	
1 clerk, at \$70 per month (temporary)	172.67	
Total	29,032.67	
FARMERS' INSTITUTES.		
1 specialist in agricultural education	2,400.00	
1 farmers' institute specialist	2,250.00	
1 assistant farmers' institute specialist	2,000.00	
1 assistant in agricultural education	1,800.00	
Total	8,450.00	
AGRICULTURAL EXPERIMENT STATIONS.		
Out of Washington:		
1 collaborator	300.00	
STATION AT ALASKA.		
1 special agent	3,000.00	
1 expert	2,000.00	
2 agents, at \$1,800 each	3,600.00	
1 agent	1,500.00	
1 agent	1,080.00	
1 agent	1,000.00	
Total	12,180.00	
STATION AT HAWAII.		
1 special agent	3,000.00	
1 scientific assistant	2,000.00	
1 expert	2,000.00	
1 scientific assistant	1,920.00	
1 assistant in agronomy	1,800.00	
1 assistant chemist	1,500.00	
1 expert in horticulture	1,440.00	
1 clerk	1,320.00	
1 scientific assistant	1,020.00	
1 agent	900.00	
Total	16,900.00	
STATION AT PORTO RICO.		
1 special agent	3,000.00	
1 chemist	2,100.00	
1 entomological assistant	1,800.00	
1 plant pathologist	1,800.00	
1 expert	1,800.00	
1 assistant animal husbandman	1,620.00	
1 assistant chemist	1,500.00	
1 expert	1,440.00	
1 expert gardener	1,200.00	
1 clerk	1,200.00	
1 plant pathologist, at \$200 per month (temporary)	600.00	
Total	18,060.00	
STATION AT ISLAND OF GUAM.		
1 special agent	2,500.00	
1 agent	1,620.00	
Total	4,120.00	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>Nutrition Investigations—</i>			
To enable the Secretary of Agriculture to investigate the nutritive value of agricultural products used for human food with special suggestions of plans and methods for the more effective utilization of such products for this purpose, with the cooperation of other bureaus of the department, and to disseminate useful information on this subject, including the employment of labor in the city of Washington and elsewhere, and all other necessary expenses, [sixteen thousand dollars.] <i>nineteen thousand dollars (act Aug. 10, 1912, vol. 37, p. 298, sec. 1)</i>		\$19,000.00	\$16,000.00
Appropriations for 1904.....	\$20,000	Estimates for 1905.....	\$20,000
Appropriations for 1905.....	20,000	Estimates for 1906.....	20,000
Appropriations for 1906.....	20,000	Estimates for 1907.....	25,000
Appropriations for 1907.....	20,000	Estimates for 1908.....	25,000
Appropriations for 1908.....	5,000	Estimates for 1909.....	25,000
Appropriations for 1909.....	7,000	Estimates for 1910.....	10,000
Appropriations for 1910.....	10,000	Estimates for 1911.....	10,000
Appropriations for 1911.....	10,000	Estimates for 1912.....	15,000
Appropriations for 1912.....	15,000	Estimates for 1913.....	20,000
Appropriations for 1913.....	16,000	Estimates for 1914.....	19,000
NOTE 1.—There is an increase in the above appropriation of \$3,000 to enable the department to prepare popular bulletins for use in homes, schools, and public institutions, setting forth plans for the more economical and effective utilization of agricultural products as human food, and to extend investigations in cooperation with other bureaus of the department.			
NOTE 2.—Salaries of chief of nutrition investigations and assistants carried on the lump fund named below on Aug. 1, 1912:			
NUTRITION INVESTIGATIONS.			
In Washington:			
1 chief of nutrition investigations.....	\$2,500		
1 assistant.....	2,400		
1 scientific assistant.....	1,620		
1 scientific assistant.....	1,440		
2 scientific assistants, at \$1,400 each.....	2,800		
1 collaborator, at \$3 per diem (temporary).....	300		
Total.....	11,060		
<i>Irrigation Investigations—</i>			
To enable the Secretary of Agriculture to investigate and report upon the laws of the States and Territories as affecting irrigation and the rights of appropriators, and of riparian proprietors and institutions relating to irrigation, and upon the use of irrigation water at home and abroad with especial suggestions of the best methods for the utilization of irrigation waters in agriculture, and upon the use of different kinds of power and appliances for irrigation, and for the preparation and illustration of reports and bulletins on irrigation, including the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, and all necessary expenses; [ninety-eight thousand three hundred dollars:] <i>one hundred and sixteen thousand two hundred and fifty dollars</i> [Provided, That the Secretary of Agriculture be, and he is hereby, authorized and directed to cause a thorough investigation to be made and report to Congress at the opening of the next session upon the feasibility and the economy of irrigation by the reservoir system or plan in western Kansas and western Oklahoma.] (act Aug. 10, 1912, vol. 37, p. 298, sec. 1)		116,250.00	98,300.00
Appropriations for 1904.....	¹ \$32,500	Estimates for 1905.....	² \$35,000
Appropriations for 1905.....	¹ 33,750	Estimates for 1906.....	² 41,250
Appropriations for 1906.....	¹ 37,100	Estimates for 1907.....	² 41,260
Appropriations for 1907.....	¹ 61,100	Estimates for 1908.....	² 75,000
Appropriations for 1908.....	¹ 75,000	Estimates for 1909.....	² 75,000
Appropriations for 1909.....	¹ 75,000	Estimates for 1910.....	² 78,440
Appropriations for 1910.....	75,000	Estimates for 1911.....	70,380
Appropriations for 1911.....	70,380	Estimates for 1912.....	80,000
Appropriations for 1912.....	100,000	Estimates for 1913.....	98,300
Appropriations for 1913.....	98,300	Estimates for 1914.....	116,250
¹ One-half of amount appropriated jointly for "Irrigation" and "Drainage."			
² One-half of amount estimated for jointly for "Irrigation" and "Drainage."			
NOTE 1.—There is an apparent increase of \$17,950 in the above appropriation, but adding the saving in salaries of 1 editorial clerk at \$1,600, and 1 clerk at \$900, transferred to the statutory roll, the actual increase is \$20,450, and is to increase investigations having in view the more economical and thorough utilization of the limited water supply of the irrigated regions by suggesting methods for the minimizing of waste of water and its more effective application to different soils and crops, to more fully aid the satisfactory settlement of the millions of acres recently put under ditch in the arid region, to further the utilization of small water supplies supplementary to dry farming, and to encourage the use of irrigation in the humid region in order to save and increase truck, fruit, and other valuable crops in periods of drought.			
NOTE 2.—Salaries of chief of irrigation investigations, engineers, assistants, experts, agents, etc., carried on the lump fund named below on Aug. 1, 1912:			
IRRIGATION INVESTIGATIONS			
In Washington:			
1 chief of irrigation investigations.....	\$3,750		
1 scientific assistant.....	1,800		
1 editorial clerk.....	1,600		
1 scientific assistant.....	1,600		
1 specialist in rural engineering.....	1,500		
1 clerk.....	900		
Total.....	11,150		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
Irrigation Investigations—Continued.		
Out of Washington:		
1 irrigation engineer.....	\$2,220	
1 irrigation manager.....	2,220	
1 irrigation engineer.....	2,100	
1 expert.....	2,000	
10 irrigation engineers, at \$2,000 each.....	20,000	
2 irrigation engineers, at \$1,500 each.....	3,000	
1 expert mechanician.....	1,680	
1 agent and expert.....	1,600	
2 irrigation engineers, at \$1,500 each.....	3,000	
1 agent.....	1,500	
1 clerk.....	1,400	
2 irrigation farmers, at \$1,200 each.....	2,400	
1 scientific assistant.....	1,200	
1 agent.....	1,200	
1 clerk.....	1,200	
1 irrigation assistant, at \$110 per month (2 months).....	220	
1 irrigation assistant, at \$100 per month (4 months).....	400	
1 assistant engineer, at \$100 per month (3 months).....	300	
3 agents, at \$100 per month each (temporary).....	1,300	
1 irrigation assistant, at \$90 per month (3 months).....	270	
1 agent, at \$90 per month (3 months).....	270	
1 irrigation assistant, at \$80 per month (3 months).....	300	
1 irrigation assistant, at \$75 per month (3 months).....	225	
1 agent, at \$80 per month (3 months).....	180	
3 collaborators, at \$25 per month each.....	900	
Four collaborators, at \$10 per month each.....	480	
1 irrigation manager, at \$7.50 per diem (196 days).....	1,470	
1 irrigation engineer, at \$7.50 per diem (40 days).....	300	
1 irrigation engineer, at \$6 per diem (42 days).....	252	
1 agent, at \$6 per diem (167 days).....	1,002	
Total.....	55,189	
Drainage Investigations—		
To enable the Secretary of Agriculture to investigate and report upon the drainage of swamp and other wet lands which may be made available for agricultural purposes, and to prepare plans for the removal of surplus waters by drainage from such lands, and for the preparation and illustration of reports and bulletins on drainage, including the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, and all necessary expenses, [one hundred thousand dollars.] <i>ninety-seven thousand six hundred dollars</i> (act Aug. 10 1912, vol. 37, p. 298, sec. 1)	\$97,600.00	\$100,000.00
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Appropriations for 1904..... ¹ \$32,500	Estimates for 1905..... ² \$35,000	
Appropriations for 1905..... ¹ 33,750	Estimates for 1906..... ² 41,250	
Appropriations for 1906..... ¹ 37,100	Estimates for 1907..... ² 41,200	
Appropriations for 1907..... ¹ 61,100	Estimates for 1908..... ² 75,000	
Appropriations for 1908..... ¹ 75,000	Estimates for 1909..... ² 75,000	
Appropriations for 1909..... ¹ 75,000	Estimates for 1910..... ² 78,440	
Appropriations for 1910..... ¹ 81,100	Estimates for 1911..... ² 78,800	
Appropriations for 1911..... ¹ 78,800	Estimates for 1912..... ² 80,000	
Appropriations for 1912..... ¹ 100,000	Estimates for 1913..... ² 96,700	
Appropriations for 1913..... ¹ 100,000	Estimates for 1914..... ² 97,600	
¹ One-half of amount appropriated jointly for "Irrigation" and "Drainage." ² One-half of amount estimated for jointly for "Irrigation" and "Drainage."		
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NOTE 1.—There is an apparent decrease of \$2,400 in the above appropriation, but taking into consideration the saving in salaries of one bookkeeper, at \$1,500, and one draftsman, at \$900, transferred to the statutory roll, there is in reality no change in this appropriation.		
NOTE 2.—Salaries of drainage engineer in charge of drainage investigations, engineers, clerks, etc., carried on the lump fund named below on Aug. 1, 1912:		
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DRAINAGE INVESTIGATIONS.		
In Washington:		
1 drainage engineer in charge.....	\$3,000	
1 drainage engineer.....	2,000	
2 office engineers, at \$1,800 each.....	3,600	
1 clerk.....	1,600	
1 bookkeeper.....	1,500	
1 copyist topographic draftsman, at \$75 per month.....	900	
1 clerk, at \$75 per month (temporary).....	225	
1 messenger boy.....	480	
Total.....	13,305	
Out of Washington:		
1 drainage engineer.....	2,000	
1 drainage engineer.....	1,980	
3 drainage engineers, at \$1,800 each.....	5,400	
6 drainage engineers, at \$1,620 each.....	9,720	
1 drainage engineer.....	1,500	
2 drainage engineers, at \$1,440 each.....	2,880	
4 assistant drainage engineers, at \$1,440 each.....	5,760	
1 drainage engineer.....	1,200	
Total.....	30,440	
Administrative Expenses, Bureau of Experiment Stations—		
For general administrative expenses connected with the above-mentioned lines of investigation under "General Expenses, Bureau of Experiment Stations," "Nutrition Investigations," "Irrigation Investigations," and "Drainage Investigations," including the office of the director, the chief clerk, the officer in charge of publications, accounts, records, supplies, and property, and for supplies and miscellaneous expenses incident thereto, fifteen thousand dollars.....	15,000.00	
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NOTE.—This is a new item and an increase of \$15,000. It is to provide for miscellaneous expenses of the Washington office connected with the general administrative work relating to Insular Stations, Farmers' Institutes and		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
[OFFICE] BUREAU OF PUBLIC ROADS.		
<i>Salaries, [Office] Bureau of Public Roads—</i>		
One director, who shall be a scientist and have charge of all scientific and technical work (increase of \$1,000 submitted) (acts Mar. 3, 1905, vol. 33, p. 822, sec. 1; Aug. 10, 1912, vol. 37, p. 299, sec. 1).....	\$5,000.00	
One chief clerk (same acts).....	1,900.00	
Two clerks, class 4 (submitted).....	3,600.00	
Two clerks, class 3 (acts Mar. 3, 1905, vol. 33, p. 822, sec. 1; Aug. 10, 1912, vol. 37, p. 299, sec. 1).....	3,200.00	
Two clerks, at \$1,500 each (submitted).....	3,000.00	
One clerk (by transfer from lump fund) (acts Mar. 3, 1905, vol. 33, p. 822, sec. 1; Aug. 10, 1912, vol. 37, p. 299, sec. 1).....	1,440.00	
One clerk or instrument maker (same acts).....	1,440.00	
Two clerks, at \$1,380 each (submitted).....	2,760.00	
Three clerks, at \$1,320 each (increase of 2 submitted) (acts Mar. 3, 1905, vol. 33, p. 822, sec. 1; Aug. 10, 1912, vol. 37, p. 299, sec. 1).....	3,960.00	
Four clerks, at \$1,260 each (increase of one by transfer from lump fund) (same acts).....	5,040.00	
Three clerks, class 1 (same acts).....	3,600.00	
One clerk or photographer (same acts).....	1,200.00	
One clerk or photographer (same acts).....	1,000.00	
Two clerks, at \$1,140 each (same acts).....	2,280.00	
One clerk (same acts).....	1,080.00	
One clerk (same acts).....	1,020.00	
Four clerks, at \$1,000 each (same acts).....	4,000.00	
One clerk (same acts).....	900.00	
One clerk or instrument maker (same acts).....	1,200.00	
One messenger or laboratory helper (by transfer and change of title of one laboratory helper from lump fund) (same acts).....	840.00	
Two messengers, laborers, or laboratory helpers, at \$720 each (1 in lieu of 1 messenger or laborer at same salary, and 1 by transfer and change of title of 1 laboratory helper from lump fund) (same acts).....	1,440.00	
NOTE.—One messenger or laborer, at \$720, omitted as above.		
One messenger or laborer (same acts).....	660.00	
Four messengers, laborers, or messenger boys, at \$600 each (in lieu of 4 messengers or laborers at same salary) (same acts).....	2,400.00	
NOTE.—Four messengers or laborers, at \$600 each, omitted as above.		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.	
<i>Salaries, [Office] Bureau of Public Roads—Continued</i>			
Two messenger boys, at \$480 each (1 in lieu of 1 messenger boy at \$360, with increase of \$120) (acts Mar. 3, 1905, vol. 33, p. 822, sec. 1; Aug. 10, 1912, vol. 37, p. 299, sec. 1)	\$960.00		
NOTE.—One messenger boy, at \$360, omitted as above.			
Two charwomen, at \$240 each (same acts).....	480.00		
	\$54,400.00	\$37,020.00	
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Appropriations for 1906.....	\$12,340	Estimates for 1907.....	\$12,340
Appropriations for 1907.....	12,340	Estimates for 1908.....	14,540
Appropriations for 1908.....	12,390	Estimates for 1909.....	15,240
Appropriations for 1909.....	12,390	Estimates for 1910.....	16,210
Appropriations for 1910.....	16,460	Estimates for 1911.....	21,260
Appropriations for 1911.....	21,260	Estimates for 1912.....	34,060
Appropriations for 1912.....	34,020	Estimates for 1913.....	37,940
Appropriations for 1913.....	37,020	Estimates for 1914.....	54,400
¹ All salaries paid from lump-fund appropriation for "Public road inquiries" prior to 1906.			
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NOTE.—Apparent increase in above appropriation, \$17,380; actual increase, \$13,120, as follows:			
PROMOTIONS.			
1 director, \$4,000 to \$5,000.....	\$1,000		
1 messenger boy, \$360 to \$480.....	120		
NEW PLACES.			
2 clerks, class 4.....	3,600		
2 clerks, at \$1,500 each.....	3,000		
2 clerks, at \$1,380 each.....	2,760		
2 clerks, at \$1 320 each.....	2,640		
Actual increase.....	\$13,120		
TRANSFERS FROM LUMP FUND, WHICH FUND HAS BEEN REDUCED ACCORDINGLY.			
1 clerk.....	\$1,440		
1 clerk.....	1,260		
1 laboratory helper (with change of title to messenger or laboratory helper).....	840		
1 laboratory helper (with change of title to messenger, laborer, or laboratory helper).....	720		
	4,260		
Apparent increase.....	17,380		
CHANGES OF TITLE.			
1 messenger or laborer, at \$720, to 1 messenger, laborer, or laboratory helper, at \$720.			
4 messengers or laborers, at \$600 each, to 4 messengers, laborers, or messenger boys, at \$600 each.			
The designation of the Office of Public Roads has been changed to Bureau of Public Roads.			
<i>General Expenses, [Office] Bureau of Public Roads—</i>			
For salaries, and the employment of labor in the city of Washington and elsewhere, supplies, office fixtures, apparatus, traveling and all other necessary expenses for conducting investigations and experiments, and for collating, reporting, and illustrating the results of same, and for preparing, publishing, and distributing bulletins and reports as follows: <i>Provided</i> , That no part of these appropriations shall be expended for the rent or purchase of road-making machinery, except such as may be necessary for field experimental work as hereinafter provided for:			
For inquiries in regard to systems of road management throughout the United States and for giving expert advice on this subject, [twenty-five thousand dollars;] <i>fifty-six thousand five hundred dollars</i> (act Aug. 10, 1912, vol. 37, p. 299, sec. 1)	56,500.00		
For investigations of the best methods of road making and the best kinds of road-making materials, and for furnishing expert advice on road building and maintenance, [seventy-five thousand dollars;] <i>one hundred and sixty-four thousand six hundred and sixty dollars</i> (same act).....	164,660.00		
For investigations of the chemical and physical character of road materials, [twenty-five thousand dollars;] <i>thirty-five thousand five hundred and eighty dollars</i> (same act).....	35,580.00		
For conducting field experiments and various methods of road construction and maintenance, and investigations concerning various road materials and preparations; for investigating and developing equipment intended for the preparation and application of bituminous and other binders; for the purchase of materials and equipment; for the employment of assistants and labor; for the erection of buildings; such experimental work to be confined as nearly as possible to one point during the fiscal year, [thirty thousand dollars;] <i>sixty thousand dollars</i> (same act).....	60,000.00		
For general administrative expenses connected with the above-mentioned lines of investigations and experiments, [ten thousand one hundred dollars;] <i>fifteen thousand one hundred dollars</i> (same act)	15,100.00		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, [Office] Bureau of Public Roads—Continued.</i>			
In all, for general expenses, [one hundred and sixty-five thousand one hundred dollars;] three hundred and thirty-one thousand eight hundred and forty dollars.....		\$331,840.00	\$165,100.00
Appropriations for 1904.....	\$35,000	Estimates for 1905.....	\$65,000
Appropriations for 1905.....	35,000	Estimates for 1906.....	45,000
Appropriations for 1906.....	1 37,660	Estimates for 1907.....	67,660
Appropriations for 1907.....	57,660	Estimates for 1908.....	86,460
Appropriations for 1908.....	57,660	Estimates for 1909.....	91,620
Appropriations for 1909.....	75,000	Estimates for 1910.....	110,240
Appropriations for 1910.....	100,000	Estimates for 1911.....	92,980
Appropriations for 1911.....	92,980	Estimates for 1912.....	131,840
Appropriations for 1912.....	126,700	Estimates for 1913.....	189,456
Appropriations for 1913.....	165,100	Estimates for 1914.....	331,840
¹ Beginning with 1906 salaries provided for separately on a statutory roll.			
<p>NOTE 1.—There is an apparent increase of \$166,740 in the above appropriation, but taking into consideration the saving in salaries of 1 clerk at \$1,440, 1 clerk at \$1,260, 1 laboratory helper at \$840, and 1 laboratory helper at \$720, transferred to the statutory roll, there is an actual increase of \$171,000, as follows:</p> <p>A net increase of \$31,500 is submitted for inquiries in regard to systems of road management, but, adding the saving in salaries of 1 clerk at \$1,440 and 1 clerk at \$1,260 transferred to the statutory roll, the actual increase is \$34,200. The demands made upon this branch of the work are increasing so rapidly, and the need of additional employees to carry on this educational work of the office is so urgent, that additional experts, collaborators, and lecturers are needed for the purpose of making traffic and economic studies, delivering lectures, demonstrating the best methods of road-making, and for carrying on maintenance, administrative and management investigations, and on account of the additional duties contingent upon new legislation enacted by the last session of Congress. The office has several sets of models illustrating the best methods of road construction and maintenance and the standard types of bridges. These models have been used with excellent results at expositions, State and county fairs, road conventions, and on special railroad trains. The demands for these exhibits are so numerous and urgent as to make it desirable that funds be provided for additional employees to construct and demonstrate these exhibits. The office is also engaged in economic study of road problems in various parts of the country, including questions of administration, financing, traffic, and maintenance. In order that complete data along these lines may be collected, compiled, correlated, and published as speedily as possible, and in order to gather additional information required by Congress, additional employees should be provided.</p> <p>An increase of \$89,669 is submitted for investigations of the best methods of road making and maintenance. This division of the work has been accomplishing a great deal of good through the giving of expert advice on road construction and maintenance, but the present force is inadequate to meet the large and increasing demands being made upon it and to gather the additional information required by new legislation enacted by the last session of Congress.</p> <p>A net increase of \$10,580 is submitted for investigations of the chemical and physical character of road materials, but, adding the saving in salaries of one laboratory helper at \$840 and one laboratory helper at \$720 transferred to the statutory roll, the actual increase is \$12,140. The changed conditions brought about by motor traffic, the increasing need of better roads, and the demand for more complete and precise information regarding the numerous varieties of dust preventives and road binders, and the necessity for further and more satisfactory standardization of methods of testing such materials, will require an increased expenditure for the proper maintenance of the laboratories. The routine work of the laboratory is increasing, and it, together with the different lines of investigation in road materials, including cement, sand, clay, gravel, and concrete, renders it advisable to provide for greater facilities in the nature of assistance and equipment for carrying out these investigations.</p> <p>An increase of \$30,000 is submitted for conducting field experiments, and is for the purpose of continuing the making of road tests of various materials and methods of construction, and in order to make comparative tests of and to develop road equipment. This practical experimental work is of the greatest importance in studying and investigating the relative merits of the different types of road construction, particularly those types calculated to eliminate the dust nuisance and to produce a dustless road. It is extremely desirable to exercise some sort of control or supervision over the roads subsequent to the experiments that are made, in order, by continuous observations, to properly estimate the value and cost of the experiments. A large part of the amount estimated will be used to purchase crude materials in sufficient quantities to permit of the experimental treatment of short sections of road, and for the installation of such mechanical devices as are found necessary in developing and evolving new designs for road equipment.</p> <p>An increase of \$5,000 is submitted for administrative expenses in order to properly care for the normal increases in the stationery and other office supplies, telegraph, telephone, express, office equipment, etc.</p> <p>The designation of the "Office of Public Roads" has been changed to "Bureau of Public Roads."</p> <p>NOTE 2.—Salaries of engineers, experts, special agents, etc., carried on the lump funds named below on Aug. 1, 1912:</p>			
GENERAL EXPENSES, OFFICE OF PUBLIC ROADS.			
ROAD MANAGEMENT.			
1 assistant in charge of road management.....	\$2,220		
1 assistant in road management, at \$8 per diem (when actually employed).....	400		
1 highway engineer.....	1,560		
1 expert, at \$8 per diem (when actually employed).....	1,440		
1 expert, at \$4 per diem (when actually employed).....	1,200		
1 expert.....	1,800		
1 lantern-slide colorist.....	1,200		
1 clerk.....	1,440		
1 clerk.....	1,260		
1 clerk, at \$50 per month (temporary).....	150		
1 student assistant, at \$25 per month.....	300		
1 clerk, at \$55 per month (temporary).....	255		
Total.....	13,225		
INVESTIGATING ROAD BUILDING AND MAINTENANCE.			
In Washington:			
1 assistant director.....	3,500		
1 chief engineer.....	3,000		
1 draftsman.....	1,200		
Total.....	7,700		

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General expenses, [Office] Bureau of Public Roads—Continued.</i>		
ROAD MATERIAL.		
In Washington—Continued.		
1 chemist, at \$8 per diem (when actually employed).....	\$240	
1 first assistant chemist.....	2,000	
1 assistant chemist.....	1,600	
1 assistant chemist.....	1,200	
1 assistant chemist.....	1,000	
1 petrographer.....	1,600	
1 testing engineer.....	2,040	
1 laboratory assistant.....	1,400	
1 laboratory apprentice.....	840	
1 laboratory helper.....	840	
1 laboratory helper.....	720	
3 student assistants, at \$25 per month each (temporary).....	225	
Total.....	13,705	
FIELD EXPERIMENTS.		
1 senior highway engineer.....	2,400	
ROAD MANAGEMENT.		
Out of Washington:		
1 special agent, at \$5 per diem (when actually employed).....	100	
1 special agent, at \$65 per month.....	780	
1 special agent, at \$3 per diem (when actually employed).....	150	
4 collaborators, at \$9 per diem each (when actually employed).....	180	
2 collaborators, at \$8 per diem each (when actually employed).....	80	
3 collaborators, at \$7 per diem each (when actually employed).....	105	
40 collaborators, at \$5 per diem each (when actually employed).....	2,400	
1 collaborator, at \$4 per diem (when actually employed).....	20	
1 collaborator, at \$3 per diem (when actually employed).....	150	
9 collaborators, at \$1 per annum each.....	9	
Total.....	3,974	
INVESTIGATING ROAD BUILDING AND MAINTENANCE.		
1 senior highway engineer.....	2,220	
4 senior highway engineers, at \$2,000 each.....	8,000	
1 senior highway engineer, at \$8 per diem (when actually employed).....	96	
3 highway engineers, at \$1,800 each.....	5,400	
1 highway engineer.....	1,680	
1 highway engineer.....	1,440	
2 highway engineers, at \$1,200 each.....	2,400	
1 assistant highway engineer, at \$1 per diem (when actually employed).....	20	
1 junior highway engineer, at \$4 per diem (when actually employed).....	20	
3 junior highway engineers, at \$960 each.....	2,880	
2 junior highway engineers, at \$840 each.....	1,680	
3 superintendents of road construction, at \$6 per diem each (when actually employed).....	2,000	
1 superintendent of road construction, at \$5.50 per diem (when actually employed).....	1,800	
1 superintendent of road construction.....	1,740	
1 superintendent of road construction.....	2,220	
1 road expert, at \$5.25 per diem (when actually employed).....	1,400	
1 road expert, at \$4.90 per diem (when actually employed).....	1,400	
2 superintendents of road construction, at \$1,560 each.....	3,120	
1 superintendent of road construction, at \$7 per diem (when actually employed).....	35	
7 civil engineer students, at \$720 each.....	5,040	
1 expert, at \$9 per diem (when actually employed).....	270	
Total.....	44,861	
FIELD EXPERIMENTS.		
1 highway engineer.....	1,800	
1 highway engineer.....	1,200	
Total.....	3,000	

NOTE 3.—In accordance with the provisions of section 6 of the sundry civil act approved Aug. 24, 1912 (Public, 302), the following matter relative to the foregoing appropriation is submitted:

(1914: \$331,840.) GENERAL EXPENSES, BUREAU OF PUBLIC ROADS. (1912: \$126,700.)

Road management, 1914, \$56,500.

Road management, 1912, \$20,000.

ESTIMATED.		EXPENDED.	
Salaries.....	\$44,464.75	Salaries.....	\$15,964.75
As follows:		As follows:	
1 assistant in charge of road management, \$2,220.		1 assistant in road management, \$2,000.	
1 assistant in road management, \$8 per diem.		1 assistant in road management, \$8 per diem.	
1 highway engineer, \$1,560.		1 expert, \$1,800.	
1 expert, \$8 per diem.		1 expert, \$4 per diem.	
1 expert, \$4 per diem.		1 lantern slide colorist, \$1,200.	
1 expert, \$1,800.		1 clerk, \$1,080.	
3 assistants, \$1,600 each.		1 clerk, \$900.	
1 assistant, \$1,800.		1 clerk, \$60 per month.	
1 assistant, \$2,000.		1 expert, \$4 per diem.	
1 collaborator and lecturer, \$2,400.		1 special agent, \$8 per diem.	
2 collaborators and lecturers, \$2,000 each.		3 special agents, \$5 per diem each.	
1 collaborator and lecturer, \$1,800.		40 special agents, \$60 each.	
1 collaborator and lecturer, \$1,600.		1 special agent, \$150.	
1 draftsman, \$1,400.		9 special agents, \$1 each.	
1 lantern slide colorist, \$1,200.			
1 clerk, \$1,440.			
1 clerk, \$1,260.			
1 clerk, \$50 per month.			
1 student assistant, \$25 per month.			
1 clerk, \$85 per month.			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>General Expenses, [Office] Bureau of Public Roads—Continued.</i>			
1 special agent, \$5 per diem. 1 special agent, \$65 per month. 1 special agent, \$3 per diem. 4 collaborators, \$9 per diem each. 2 collaborators, \$8 per diem each. 3 collaborators, \$7 per diem each. 40 collaborators, \$5 per diem each. 1 collaborator, \$4 per diem. 1 collaborator, \$3 per diem. 9 collaborators, \$1 each.			
Traveling expenses.....	\$12,035.25	Traveling expenses.....	\$3,758.05
Total estimate, 1914.....	56,500.00	Total expenditures, 1912.....	19,722.80
Total appropriation, 1913.....	25,000.00		
Increase.....	31,500.00		
Activities:		Activities:	
Special inspection and advice.....	47,460.00	Special inspection and advice.....	16,567.16
Road management and economic investigations.....	9,040.00	Road management and economic investigations.....	3,155.64
Total.....	56,500.00	Total.....	19,722.80
Investigating road building and maintenance, 1914, \$164,660.		Investigating road building and maintenance, 1912, \$54,000.	
		(Original subappropriation of \$60,000 reduced by transfer of \$6,000 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$107,029.00	Salaries.....	34,448.25
As follows:		As follows:	
1 assistant director, \$3,500.		1 assistant director, \$3,000.	
1 chief engineer, \$3,000.		1 chief engineer, \$3,000.	
1 senior highway engineer, \$2,220.		1 bridge engineer, \$2,700.	
4 senior highway engineers, \$2,000 each.		1 expert, \$8 per diem.	
1 senior highway engineer, \$8 per diem.		1 student assistant, \$25 per month.	
6 engineers, \$2,220 each.		1 carpenter, \$3.50 per diem.	
6 engineers, \$1,930 each.		1 assistant highway engineer, \$4 per diem.	
8 engineers, \$1,740 each.		2 experts, \$9 per diem each.	
3 highway engineers, \$1,800 each.		4 highway engineers, \$1,800 each.	
1 highway engineer, \$1,680.		1 highway engineer, \$1,500.	
1 highway engineer, \$1,440.		1 superintendent road construction, \$7 per diem.	
2 highway engineers, \$1,200 each.		3 superintendents road construction, \$6 per diem each.	
1 assistant highway engineer, \$4 per diem.		1 superintendent road construction, \$5 per diem.	
1 junior highway engineer, \$4 per diem.		10 civil engineer students, \$720 each.	
3 junior highway engineers, \$960 each.		1 superintendent road construction, \$1,740.	
2 junior highway engineers, \$840 each.		2 superintendents road construction, \$1,560 each.	
3 superintendents road construction, \$6 per diem each.		1 highway engineer, \$1,560.	
1 superintendent road construction, \$5.50 per diem.		2 highway engineers, \$1,200 each.	
1 superintendent road construction, \$1,740.		1 highway engineer, \$1,680.	
1 superintendent road construction, \$2,220.		1 superintendent road construction, \$2,220.	
1 road expert, \$5.25 per diem.		2 road experts, \$4.90 per diem each.	
1 road expert, \$4.90 per diem.		1 photographer, \$75 per month.	
2 superintendents road construction, \$1,560 each.		1 junior highway engineer, \$960.	
1 superintendent road construction, \$7 per diem.		2 special agents, \$1 each.	
12 civil engineer students, \$720 per annum each.			
1 expert, \$9 per diem.			
1 chief draftsman, \$1,800.			
2 draftsmen, \$1,500 each.			
2 draftsmen, \$1,200 each.			
Traveling expenses.....	49,398.00	Traveling expenses.....	14,317.49
Supplies and equipment.....	8,233.00	Supplies and equipment.....	4,663.42
Total estimate, 1914.....	164,660.00	Outstanding liability.....	300.00
Total appropriation, 1913.....	75,000.00	Total expenditures, 1912.....	53,729.16
Increase.....	89,660.00		
Activities:		Activities:	
Object-lesson roads.....	49,398.00	Object-lesson roads.....	16,655.03
Bridge investigations.....	4,469.90	Bridge investigations.....	805.93
Special inspection and advice.....	72,450.40	Special inspection and advice.....	23,640.82
Instruction in highway engineering..	36,192.27	Instruction in highway engineering..	12,492.02
Road maintenance investigations....	2,149.43	Road maintenance investigations....	135.36
Total.....	164,660.00	Total.....	53,729.16
Road material, 1914, \$35,580.		Road material, 1912, \$23,830.	
		(Original subappropriation of \$25,000 reduced by transfer of \$1,170 to other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$23,819.80	Salaries.....	18,798.10
As follows:		As follows:	
1 chemist, \$8 per diem.		1 chemist, \$2,500.	
1 first assistant chemist, \$2,000.		1 first assistant chemist, \$2,000.	
1 assistant chemist, \$1,600.		1 assistant chemist, \$1,600.	
1 assistant chemist, \$1,200.		1 assistant chemist, \$1,000.	
1 assistant chemist, \$1,000.		1 testing engineer, \$1,800.	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
General Expenses, [Office] Bureau of Public Roads—Continued.			
1 petrographer, \$1,600. 1 testing engineer, \$2,040. 1 laboratory assistant, \$1,400. 1 laboratory apprentice, \$840. 1 laboratory helper, \$840. 1 laboratory helper, \$720. 3 student assistants, \$25 per month each. 1 assistant chemist, \$1,800. 1 assistant chemist, \$1,200. 1 laboratory helper, \$600. 1 laboratory assistant, \$660. 1 laborer, \$600.		1 laboratory helper, \$720. 2 student assistants, \$25 per month each. 1 laboratory assistant, \$1,200. 1 laboratory apprentice, \$840. 1 petrographer, \$1,600. 1 expert, \$9 per diem. 1 clerk, \$1,260. 1 junior highway engineer, \$4 per diem. 1 constructing engineer and expert in bridge construction, \$9 per diem. 1 constructing engineer and road expert, \$5 per diem. 1 corresponding scientific assistant, \$1. 2 experts, \$8 per diem each. 2 special agents, \$7 per diem each. 1 assistant engineer, \$5 per diem. 1 expert in cements, \$7 per diem.	
Traveling expenses.....	5,337.00	Traveling expenses.....	\$3,501.86
Supplies and equipment.....	1,423.20	Supplies and equipment.....	1,001.41
Total estimate, 1914.....	35,580.00	Total expenditures, 1912.....	23,301.37
Total appropriation, 1913.....	25,000.00		
Increase.....	10,580.00		
Activities:		Activities:	
Physical laboratory.....	13,165.60	Physical laboratory.....	8,622.68
Chemical laboratory.....	13,439.24	Chemical laboratory.....	8,823.46
Petrographic laboratory.....	3,558.00	Petrographic laboratory.....	2,353.57
Special inspection and advice.....	5,417.16	Special inspection and advice.....	3,501.66
Total.....	35,580.00	Total.....	23,301.37
Field experiments, 1914, \$60,000.		Field experiments, 1912, \$16,000.	
		(Original subappropriation of \$10,000 increased by transfer of \$6,000 from other subappropriations.)	
ESTIMATED.		EXPENDED.	
Salaries.....	\$5,700.00	Salaries.....	\$350.60
As follows:		As follows:	
1 senior highway engineer, \$2,400.		1 highway engineer, \$150 per month.	
1 highway engineer, \$1,800.		1 road-roller operator, \$4.50 per diem.	
1 highway engineer, \$1,500.		1 road-roller operator, \$4 per diem.	
		1 road-roller operator, \$3.50 per diem.	
		6 laborers, \$2 per diem each.	
		1 laborer, \$1.50 per diem.	
Experimental road work.....	44,300.00	Experimental road work.....	13,284.99
Supplies and equipment.....	7,500.00	Supplies and equipment.....	1,586.29
Miscellaneous expenses.....	2,500.00	Miscellaneous expenses.....	457.43
Total estimate, 1914.....	60,000.00	Total expenditures, 1912.....	15,679.31
Total appropriation, 1913.....	30,000.00		
Increase.....	30,000.00		
Activities:		Activities:	
Experimental construction.....	60,000.00	Experimental construction (Chevy Chase Road).....	15,679.31
Administrative expenses, 1914, \$15,100.		Administrative expenses, 1912, \$12,870.	
		(Original subappropriation of \$11,700 increased by transfer of \$1,170 from other subappropriations.)	
ESTIMATED.		EXPENDED.	
Supplies and equipment.....	\$13,590.00	Supplies and equipment.....	\$7,770.42
Miscellaneous expenses.....	1,510.00	Miscellaneous expenses.....	1,231.27
Total estimate, 1914.....	15,100.00	Rent.....	3,500.00
Total appropriation, 1913.....	10,100.00	Outstanding liability.....	175.00
Increase.....	5,000.00	Total expenditures, 1912.....	12,676.69
Activities:		Activities:	
Supplies and equipment.....	11,325.00	Supplies and equipment.....	5,810.15
Photographic laboratory.....	2,265.00	Photographic laboratory.....	1,960.27
Chief clerk's office.....	1,510.00	Chief clerk's office.....	1,406.27
Total.....	15,100.00	Rent.....	3,500.00
		Total.....	12,676.69
Total for [Office] Bureau of Public Roads, including statutory salaries.....		\$386,240.00	\$202,120.00
And not to exceed ten per centum of the foregoing amounts for the miscellaneous expenses of the work of any bureau, division, or office herein provided for shall be available interchangeably for expenditures on the objects included within the general expenses of such bureau, division, or office, but no more than ten per centum shall be added to any one item of appropriation except in cases of extraordinary emergency, and then only upon the written order of the Secretary of Agriculture.			
Total, Department of Agriculture, for routine and ordinary work.....		17,847,230.00	16,264,496.00
MISCELLANEOUS.			
And the Secretary of Agriculture is hereby authorized to continue investigations on the cost of food supplies at the farm and to the consumer, and to disseminate the results of such investigations in whatever manner he may deem best.			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
Enforcement of the Insecticide Act—			
To enable the Secretary of Agriculture to carry into effect the provisions of the act of April twenty-sixth, nineteen hundred and ten, entitled "An act for preventing the manufacture, sale, or transportation of adulterated or misbranded Paris greens, lead arsenates, and other insecticides, and also fungicides, and for regulating traffic therein, and for other purposes," in the city of Washington and elsewhere, including chemical apparatus, chemicals, and supplies, repairs to apparatus, gas, electric current, official traveling expenses, telegraph and telephone service, express and freight charges, and all other expenses, employing such assistants, clerks, and other persons as may be considered necessary for the purposes named, [eighty-seven thousand dollars.] <i>one hundred thousand dollars</i> (acts Apr. 26, 1910, vol. 36, pp. 331-335, secs. 1-14; Aug. 10, 1912, vol. 37, p. 300, sec. 1).....		\$100,000.00	\$87,000.00
Appropriations for 1911.....	¹ \$35,000	Estimates for 1912.....	\$87,000
Appropriations for 1912.....	87,000	Estimates for 1913.....	100,000
Appropriations for 1913.....	87,000	Estimates for 1914.....	100,000
¹ Deficiency act of Mar. 4, 1911.			
NOTE 1.—An increase of \$13,000 is requested. From the work already done it has become apparent that in order to vigorously enforce the provisions of "The Insecticide Act of 1910" throughout all sections of the United States and Territories, the above addition to the current appropriation will be required.			
NOTE 2.—Salaries of experts, assistant chemists, messengers, etc., carried on the lump fund named below on Aug. 1, 1912:			
ENFORCEMENT OF THE INSECTICIDE ACT.			
In Washington:			
1 expert.....		\$2,520	
1 executive officer.....		2,500	
1 chief of laboratory.....		2,500	
1 law clerk.....		2,000	
1 clerk.....		1,600	
3 assistant chemists, at \$1,620 each.....		4,860	
2 assistant chemists, at \$1,500 each.....		3,000	
4 assistant chemists, at \$1,440 each.....		5,760	
1 expert.....		1,200	
1 clerk.....		1,140	
1 clerk.....		1,000	
2 laboratory helpers, at \$600 each.....		1,200	
2 messenger boys, at \$480 each.....		960	
Total.....		30,240	
Out of Washington:			
3 sample collectors, at \$1,400 each.....		4,200	
1 entomological assistant.....		1,400	
1 agent.....		1,400	
1 entomological assistant.....		1,000	
1 laborer.....		480	
Total.....		8,480	
Fighting and Preventing Forest Fires in Emergency—			
For fighting and preventing forest fires in cases of extraordinary emergency, two hundred thousand dollars, or so much thereof as may be necessary (act Aug. 10, 1912, vol. 37, p. 300, sec. 1).....		200,000.00	200,000.00
Appropriations for 1912.....	\$1,000,000	Estimates for 1913.....	\$1,000,000
Appropriations for 1913.....	200,000	Estimates for 1914.....	200,000
NOTE.—No change.			
[That hereafter, when officials and employees of the Department of Agriculture are traveling on official business in the United States, they may be allowed necessary railroad and steamboat fares, sleeping berth, and stateroom on steamboats, livery hire and stage fare, and other means of conveyance between points not accessible by railroad, but in lieu of subsistence and all other traveling expenses they may receive a per diem allowance, to be fixed by the Secretary in each case, in addition to their regular salaries, subject to such rules and regulations as the Secretary of Agriculture may prescribe.]			
[That hereafter officials and employees of the Department of Agriculture may, when authorized by the Secretary of Agriculture, receive reimbursement for moneys expended for street-car fares at their official headquarters when expended in the transaction of official business.]			

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>Miscellaneous—Continued.</i> [And in order to carry out the purposes mentioned in section three of the act of March first, nineteen hundred and eleven, entitled "An act to enable any State to cooperate with any other State or States, or with the United States, for the protection of the watersheds of navigable streams, and to appoint a commission for the acquisition of lands for the purpose of conserving the navigability of navigable rivers," there is hereby appropriated and made available until expended so much of the maximum sums mentioned in said section for the fiscal years nineteen hundred and twelve to nineteen hundred and fifteen, inclusive, as shall remain unexpended at the close of each of said fiscal years.] [To enable the Secretary of Agriculture to make an exhibit at the next annual meeting of the International Dry Land Congress, to be held at Lethbridge, Alberta, Canada, in October, nineteen hundred and twelve, illustrative of the investigations, products, and processes relating to farming in the subhumid region of the United States, ten thousand dollars, to be immediately available.] [That the Secretary of Agriculture be, and he hereby is, empowered to prepare from the several divisions of the Department of Agriculture an exhibit to be displayed at the Fifth National Corn Exposition, to be held in Columbia, South Carolina, from January twenty-seventh to February ninth, nineteen hundred and thirteen. That the said exhibit shall be of such nature as the Secretary of Agriculture deems appropriate: <i>Provided</i> , That the Secretary of Agriculture shall make such arrangements with the proper officers of the said exposition that the Department of Agriculture shall be at no expense for transportation of said exhibit to and from the exposition: <i>Provided further</i> , That the Secretary of Agriculture shall also make such arrangements with the proper authorities of said exposition that there shall be no expense to the department for any breakage or damage that may occur to the exhibit, nor for the living expenses of such appointees as he may see fit to send to said exposition to demonstrate the exhibit sent.] To enable the Secretary of Agriculture to meet the emergency caused by the continuous spread of the chestnut-bark disease by continuing the study of the nature and habits of the parasitic fungus causing the disease, for the purpose of discovering new methods of control, and by putting into application methods of control already discovered, eighty thousand dollars, [of which sum thirty thousand dollars shall be immediately available,] and the Secretary of Agriculture is hereby authorized to expend said appropriation in such manner as he shall deem best, in cooperation with the authorities of the States concerned or with individuals, and to pay all necessary expenses for the employment of investigators, local and special agents, experts, assistants, and all labor and other necessary expenses, including rent, in the District of Columbia and elsewhere, as may be required: <i>Provided</i> , That of this sum not exceeding ten thousand dollars shall be used in the study of the relation of insects to the chestnut-bark disease (act Aug. 10, 1912, vol. 37, p. 301, sec. 1)	 <	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

General object (title of appropriation), date of acts, references to Statutes at Large, or to Revised Statutes, and estimated amount required for each detailed object.		Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.
<i>Enforcement of the Plant Quarantine Act—Continued.</i>			
<p>NOTE.—This is an increase of \$50,000 and is needed to carry out the purposes of the act. Foreign quarantine at ports of entry should be under the control of the Federal Government. It has been necessary during the past year to conduct this quarantine at ports through State quarantine officers and with the aid of experts delegated from different bureaus of the department to meet emergencies. This is a very unsatisfactory system, giving no Federal control over the permanence or personnel of the force, and does not give the efficiency which the proper enforcement of the act calls for. The cost of port quarantine may be indicated by the fact that the State salary roll for the port guardians of the State of California amounts to some \$18,000. This is, however, the principal item of expense in quarantine work, as much of the quarantine is in relation to the exclusion of fruit flies and other similar pests from Pacific coast ports. There is, however, additional expense connected with Pacific coast ports of other States and some legitimate items of expense at eastern and other ports. During the busy season, which is one that occupies two months in the spring and two months in the fall, it is necessary to keep one or more agents working in connection with customs officials at New York. The office expenses in Washington during the past year have been met by detail from different bureaus, but should be charged to the quarantine fund. This includes the salaries of an executive clerk and two competent clerks or stenographers, with such travel and other incidentals as may be necessary. Fifty thousand dollars is the least sum under which this quarantine work can be properly conducted.</p>			
Total salaries, including Weather Bureau, Department of Agriculture.....		\$4, 626, 000. 00	\$4, 498, 030. 00
Total general expenses, Department of Agriculture.....		13, 661, 230. 00	12, 153, 466. 00
Grand total, Department of Agriculture.....		18, 287, 230. 00	16, 651, 496. 00
<p>Total appropriations included in the Agricultural appropriation act:</p> <p>For the fiscal year 1904..... \$5, 978, 160</p> <p>For the fiscal year 1905..... 5, 902, 040</p> <p>For the fiscal year 1906..... 6, 882, 690</p> <p>For the fiscal year 1907..... 9, 932, 940</p> <p>For the fiscal year 1908..... 9, 447, 290</p> <p>For the fiscal year 1909..... 11, 672, 106</p> <p>For the fiscal year 1910..... 12, 995, 036</p> <p>For the fiscal year 1911..... 13, 487, 636</p> <p>For the fiscal year 1912..... 16, 900, 016</p> <p>For the fiscal year 1913..... 16, 651, 496</p>		<p>Total amount submitted in printed estimates for inclusion in the Agricultural appropriation bill:</p> <p>For the fiscal year 1905..... \$6, 729, 880</p> <p>For the fiscal year 1906..... 6, 419, 810</p> <p>For the fiscal year 1907..... 7, 626, 210</p> <p>For the fiscal year 1908..... 7, 954, 680</p> <p>For the fiscal year 1909..... 10, 666, 351</p> <p>For the fiscal year 1910..... 14, 610, 626</p> <p>For the fiscal year 1911..... 13, 377, 136</p> <p>For the fiscal year 1912..... 15, 997, 066</p> <p>For the fiscal year 1913..... 17, 233, 452</p> <p>For the fiscal year 1914..... 18, 287, 230</p>	

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.	Amount appropriated for the fiscal year ending June 30, 1912.
PERMANENT ANNUAL APPROPRIATIONS.			
<i>Meat Inspection, Bureau of Animal Industry—</i> That there is permanently appropriated, out of any money in the Treasury not otherwise appropriated, the sum of \$3,000,000, for the expenses of the inspection of cattle, sheep, swine, and goats, and the meat and meat-food products thereof which enter into interstate or foreign commerce, and for all expenses necessary to carry into effect the provisions of this act relating to meat inspection, including rent and the employment of labor in Washington and elsewhere, for each year. And the Secretary of Agriculture shall, in his annual estimates made to Congress, submit a statement in detail, showing the number of persons employed in such inspections and the salary or per diem paid to each, together with the contingent expenses of such inspectors and where they have been and are employed (act June 30, 1906, vol. 34, pp. 674-679, secs. 1-22)	\$3, 000, 000. 00	\$3, 000, 000. 00	\$3, 003, 165. 17
NOTE.—The detailed statement required by the law will be submitted to Congress in a separate communication.			
<i>Refund to Depositors Excess of Deposits, National Forests Fund—</i> That all money received after July 1, 1907, by or on account of the Forest Service for timber, or from any other source of forest-reservation revenue, shall be covered into the Treasury of the United States as a miscellaneous receipt; and there is hereby appropriated and made available as the Secretary of Agriculture may direct, out of any funds in the Treasury not otherwise appropriated, so much as may be necessary to make refunds to depositors of money heretofore or hereafter deposited by them to secure the purchase price on the sale of any products or for the use of any land or resources of the national forests in excess of amounts found actually due from them to the United States. That so much of an act entitled "An act making appropriations for the Department of Agriculture for the fiscal year ending June 30, 1908," approved Mar. 4, 1907 (34 Stat. L., pp. 1256, 1270), which provides for refunds by the Secretary of Agriculture to depositors of moneys to secure the purchase price of timber or the use of lands or resources of the national forests such sums as may be found to be in excess of the amounts found actually due the United States, be, and is hereby, amended hereafter to appropriate and to include so much as may be necessary to refund or pay over to the rightful claimants such sums as may be found by the Secretary of Agriculture to have been erroneously collected for the use of any lands, or for timber or other resources sold from lands located within, but not a part of, the national forests, or for alleged illegal acts done upon such lands, which acts are subsequently found to have been proper and legal; and the Secretary of Agriculture shall make annual report to Congress of the amounts refunded hereunder (acts Mar. 4, 1907, vol. 34, pp. 1256, 1270, sec. 1; Mar. 4, 1911, vol. 36, p. 1253, sec. 1)	50, 000. 00	50, 000. 00	56, 695. 51
<i>Acquisition of Lands for Protection of Watersheds of Navigable Streams—</i> That there is hereby appropriated, for the fiscal year ending June 30, 1910, the sum of \$1,000,000, and for each fiscal year thereafter a sum not to exceed \$2,000,000 for use in the examination, survey, and acquirement of lands located on the headwaters of navigable streams or those which are being or which may be developed for navigable purposes: <i>Provided</i> , That the provisions of this section shall expire by limitation on the 30th day of June, 1915 (act Mar. 1, 1911, vol. 36, p. 961, sec. 3)	2, 000, 000. 00	3, 895, 793. 89	111, 518. 70
<i>National Forest Reservation Commission—</i> That a sum sufficient to pay the necessary expenses of the commission and its members, not to exceed an annual expenditure of \$25,000, is hereby appropriated out of any money in the Treasury not otherwise appropriated. Said appropriation shall be immediately available and shall be paid out on the audit and order of the president of the said commission, which audit and order shall be conclusive and binding upon all departments as to the correctness of the accounts of said commission (act Mar. 1, 1911, vol. 36, p. 963, sec. 14)	25, 000. 00	25, 000. 00	2, 175. 38
SPECIAL FUNDS.			
<i>Payment to States and Territories from the National Forests Fund—</i> That hereafter 25 per cent of all money received from each forest reserve during any fiscal year, including the year ending June 30, 1908, shall be paid at the end thereof by the Secretary of the Treasury to the State or Territory in which said reserve is situated, to be expended as the State or Territorial legislature may prescribe for the benefit of the public schools and public roads of the county or counties in which the forest reserve is situated: <i>Provided</i> , That when any forest reserve is in more than one State or Territory or county the distributive share to each from the proceeds of said reserve shall be proportional to its area therein (acts Mar. 4, 1907, vol. 34, p. 1270, sec. 1; May 23, 1908, vol. 35, p. 260, sec. 1)	550, 000. 00	550, 000. 00	482, 376. 18

Estimates of appropriations required for the service of the fiscal year ending June 30, 1914—Continued.

	Total amount to be appropriated under each head of appropriation.	Amount appropriated for the fiscal year ending June 30, 1913.	Amount appropriated for the fiscal year ending June 30, 1912.
<i>Payment to States from Receipts from Lands Acquired for Protection of Watersheds of Navigable Streams—</i>			
That 5 per cent of all moneys received during any fiscal year from each national forest into which the lands acquired under this act may from time to time be divided shall be paid, at the end of such year, by the Secretary of the Treasury to the State in which such national forest is situated, to be expended as the State legislature may prescribe for the benefit of the public schools and public roads of the county or counties in which such national forest is situated: <i>Provided</i> , That when any national forest is in more than one State or county the distributive share to each from the proceeds of such forest shall be proportional to its area therein: <i>Provided further</i> , That there shall not be paid to any State for any county an amount equal to more than 40 per cent of the total income of such county from all other sources (act Mar. 1, 1911, vol. 36, p. 963, sec. 13)	\$1,000.00	\$500.00
<i>Cooperative Work, Forest Investigations—</i>			
Hereafter all moneys received as contributions toward cooperative work in forest investigations shall be covered into the Treasury and shall constitute a special fund, which is hereby appropriated and made available until expended, as the Secretary of Agriculture may direct, for the payment of the expenses of said investigations by the Forest Service and for refunds to the contributors of amounts heretofore or hereafter paid in by them in excess of their share of the cost of said investigations (acts Mar. 3, 1905, vol. 33, p. 1070, sec. 1; June 30, 1906, vol. 34, p. 684, sec. 1)	10,000.00	10,000.00	\$4,451.71
<i>Proceeds, Sale of Timber from Indian Lands, Uintah National Forest—</i>			
Indefinite appropriation of the proceeds from the sale of timber on Uintah National Forest; such sums as may be appropriated being available for transfer from this special fund to the Indian trust fund "Proceeds of Uintah and White River Ute lands," upon rendition from time to time of auditor's certificates of settlement calling for transfer (act Mar. 3, 1905, vol. 33, p. 1070, sec. 1.)			
<i>Agricultural Experiment Stations, Receipts from Sales—</i>			
Receipts from sales of products, Alaska (act June 3, 1902, vol. 32, p. 302, sec. 1)	13,200.00	10,100.00	5,649.72
Receipts from sales of products, Hawaii (same act)			
Receipts from sales of products, Porto Rico (same act)			
Receipts from sales of products, Guam (act May 23, 1908, vol. 35, p. 266, sec. 1)			
<i>Payments to School Funds, Arizona and New Mexico, National Forests Fund—</i>			
At the close of each fiscal year there shall be paid by the Secretary of the Treasury to the State, as income for its common-school fund, such proportion of the gross proceeds of all the national forests within said State as the area of lands hereby granted to said State for school purposes which are situated within said forest reserves, whether surveyed or unsurveyed, and for which no indemnity has been selected, may bear to the total area of all the national forests within said State (act June 20, 1910, vol. 36, p. 557, sec. 1)	40,000.00	36,210.31
Total Permanent and Indefinite under Department of Agriculture	5,689,200.00	7,577,604.20	3,666,032.37
PRINTING AND BINDING.			
[Carried in sundry civil act.]			
For the Department of Agriculture, including not to exceed \$47,000 for the Weather Bureau, and including the Annual Report of the Secretary of Agriculture, as required by the act approved Jan. 12, 1895, and in pursuance of the provisions of public resolution No. 13 of the first session Fifty-ninth Congress, and also including not to exceed \$137,500 for farmers' bulletins, which shall be adapted to the interests of the people of the different sections of the country, an equal proportion of four-fifths of which shall be delivered to or sent out under the addressed franks furnished by Senators, Representatives, and Delegates in Congress, as they shall direct	512,500.00		
NOTE.—An increase of \$37,500 is submitted. Of this amount \$12,500 is required for farmers' bulletins to supply the present allotment of these publications to the 43 additional Members of the Sixty-third Congress, and \$25,000 is required for the printing and binding of the department aside from the Weather Bureau and for farmers' bulletins. During the month of June, 1912, the printing fund was practically exhausted, resulting in the suspension of the printing of numerous publications and administrative blanks, blank books, etc. The increase recommended is less than the amount of charges for the work that could not be ordered or completed by the printer during the preceding year on account of insufficiency of funds, which amount must be defrayed from the appropriation for the present fiscal year, thereby reducing the amount available for printing for this year to that extent.			

Total appropriations from all sources for the Department of Agriculture, including permanent annual appropriations, deficiency acts, special acts, and printing and binding under sundry civil acts:

For the fiscal year—

1904.....	\$5,930,024.01
1905.....	7,109,682.62
1906.....	8,837,909.96
1907.....	13,079,523.98
1908.....	13,037,802.62
1909.....	16,153,534.74
1910.....	17,115,410.35
1911.....	20,888,449.28
1912.....	22,402,301.11
1913.....	25,177,164.68

